



VALVE CONNECTORS

• GENERAL FEATURES:

Cable Gland :

PG7 : Ø CABLE 4-6mm
PG9 : Ø CABLE 6-8mm.
PG11 : Ø CABLE 6-10mm.
1/2" NPTF : Ø CABLE 8-10mm.
SK(G1) : Ø CABLE 4-8.6mm.
SK(M1-M2) : Ø CABLE 4-8.6mm.
SK(P1-P2) : Ø CABLE 3.5-5.5mm.

Conductor cross section :

0.50(20AWG)...1.50mm²(16AWG).

Fixing system :

Central fixing screw.

Max. screw torque IEC60947-1

(Central fixing screw) :
 G1-G4-M1-M2-P2 series: Max. 0.5 N*m.
 P1 series: Max. 0.4 N*m.

Type of terminations :

Screw(with protection plate).

Contact material and treatment :

Brass + Silver plated.

Max. contact screw torque IEC60947-1 :

G1-G4-M1-M2 series: Max. 0.5 N * m.
 P1-P2 series: Max. 0.4 N * m.

Housing material :

PA66 UL94-V2 standard.
 PA66 UL94 -V0 ATEX approved.
 PA66 UL94 -V0 UL approved.

Internal core material :

PA66 UL94-V2 standard.
 PA66 UL94-V0 ATEX approved.
 PA66 UL94-V0 UL approved.

Flammability resistance :

UL94-V2 - Standard.
 UL94 V0 ATEX approved.
 UL94-V0 - UL approved.

Protection class :

IP 65 / 66 / 67 (assembled).

Operating temperature :

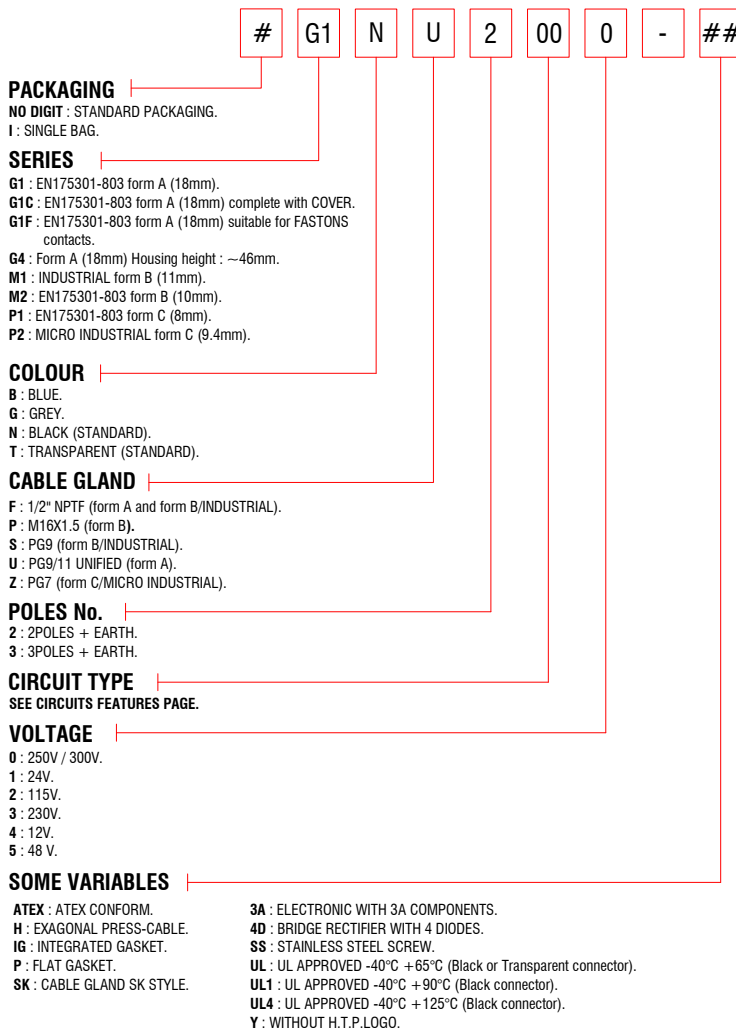
-40°C +90°C Standard (with NBR gasket).
 -40°C +125°C Standard (Black with Silicone gasket).
 -20°C +85°C ATEX approved.
 -40°C +65°C (Transparent or Black) UL approved(-UL).
 -40°C +90°C (Black) UL approved (-UL1).
 -40°C +120°C (Black) UL approved (-UL4).

Nominal current :

G1-G4-M1-M2 series: 10A.
 P1-P2 series: 6A.

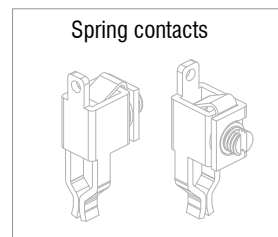
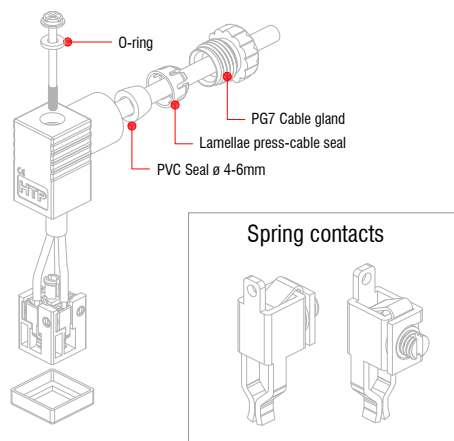
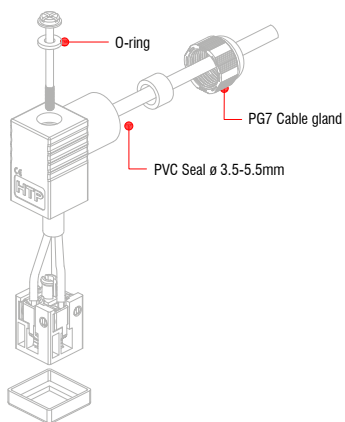
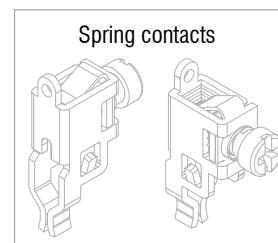
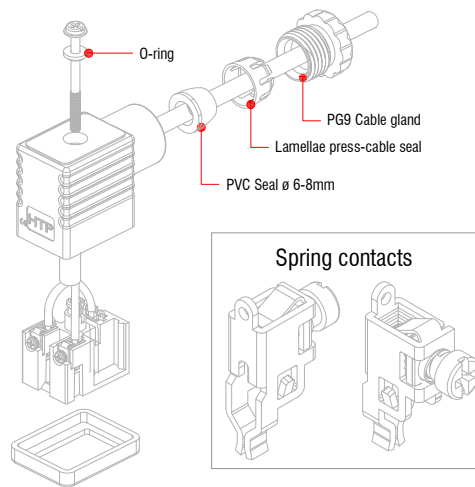
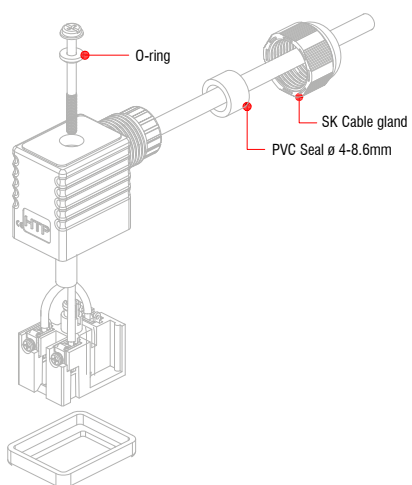
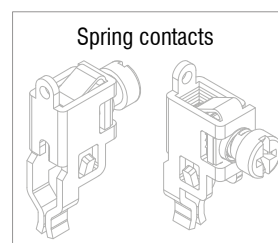
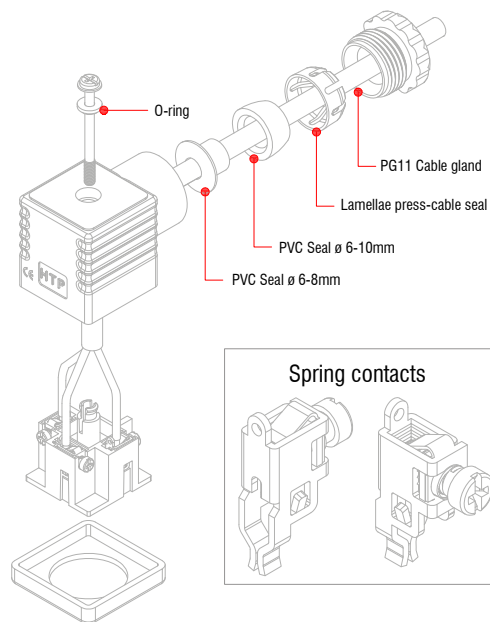
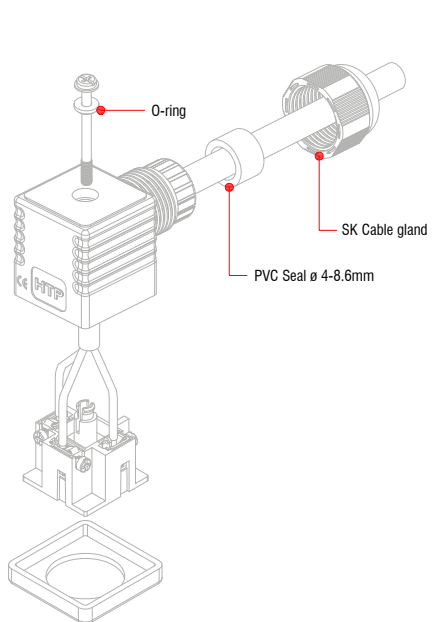
Max contact current :

G1-G4-M1-M2 series: 16A
 P1-P2 series: 10A.
 G1-G4-M1-M2 ATEX series: 10A*
 P1-P2 series: 6A*.
 *Max current permanent ammissible for one contacts pair.



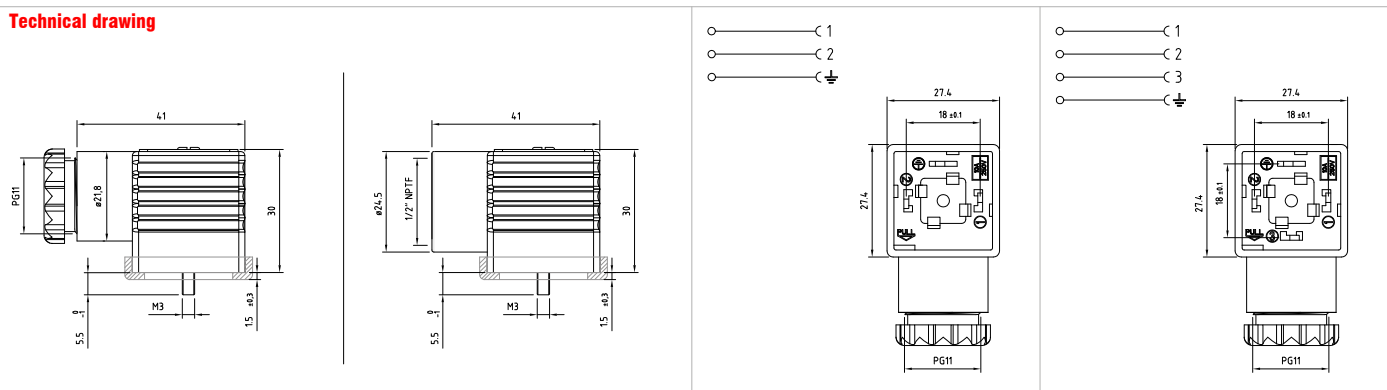
VALVE CONNECTORS

Field attachable connectors - General features and codification scheme





Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	G1NU2000	G1NU3000
Description	Square connector G1 series complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black
Housing height	30mm	30mm
Cable gland	PG11	PG11
Gasket type	Profiled NBR gasket	Profiled NBR gasket

Technical data

Type of termination	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-
Led colour	-	-
Suitable cable	∅ cable 6-10mm	∅ cable 6-10mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m

Packaging

Qty/Box	50pcs / box	50pcs / box
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Other accessories options

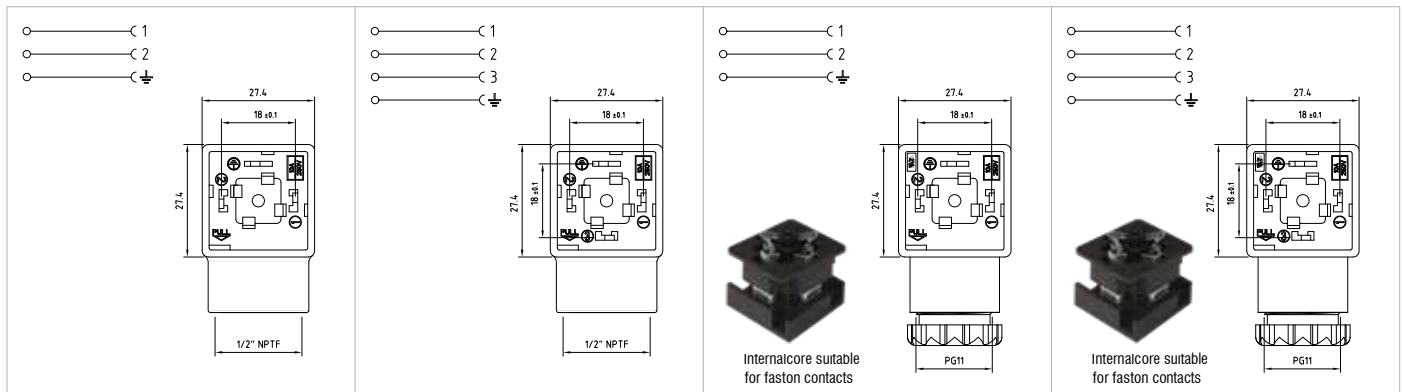
See accessories section

Notes:

Connector with Grey Housing: P/N G1GU2000 Connector with Grey Housing: P/N G1GU3000

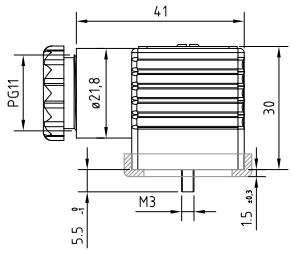
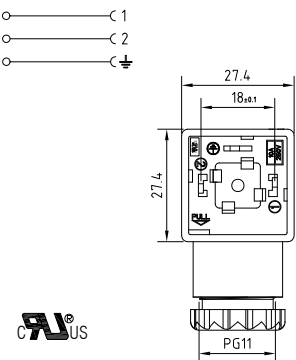
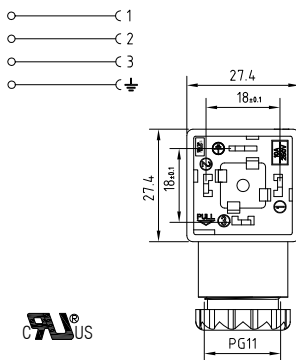
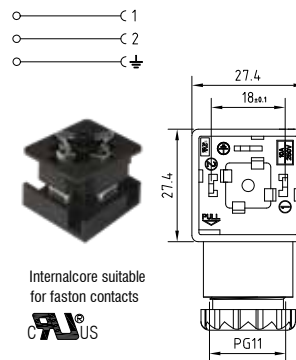
VALVE CONNECTORS

Field attachable connectors - Form A
EN175301-803(DIN43650)



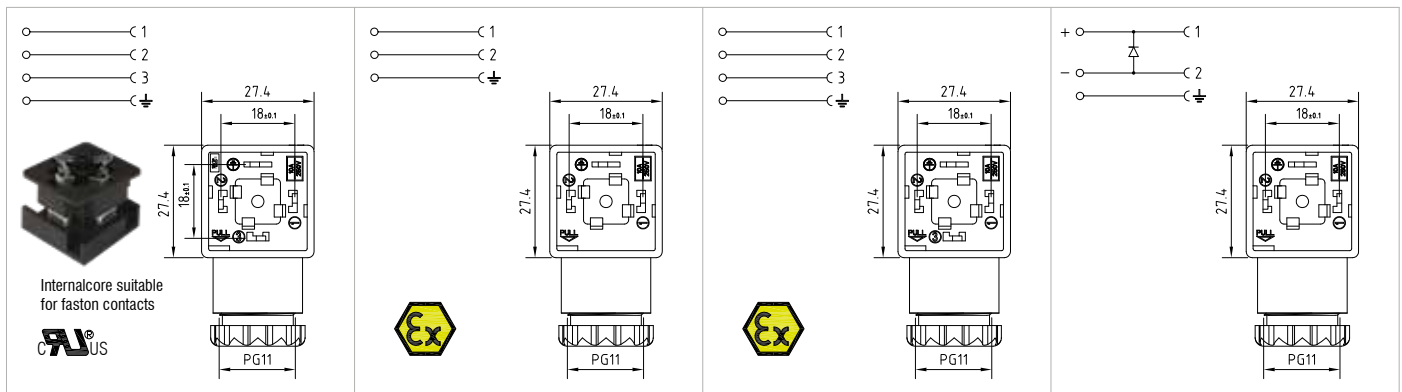
Product description			
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
G1NF2000	G1NF3000	G1FNU2000	G1FNU3000
Square connector G1 series complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series complete with gasket and fixing screw. Connector without electronic.	Square connector G1F series, complete with gasket and fixing screw. Connector without electronic.	Square connector G1F series, complete with gasket and fixing screw. Connector without electronic.
18mm	18mm	18mm	18mm
2poles + P.E.	3poles + P.E.	2poles + P.E.	3poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Black
30mm	30mm	30mm	30mm
1/2" NPTF	1/2" NPTF	PG11	PG11
Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Screw contacts	Screw contacts	Female Faston contacts 6.3 x 0.8mm	Female Faston contacts 6.3 x 0.8mm
0.5 N*m	0.5 N*m	-	-
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
-	-	-	-
-	-	-	-
∅ cable 8-10mm	∅ cable 8-10mm	∅ cable 6-10mm	∅ cable 6-10mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
Packaging			
50pcs / box	50pcs / box	50pcs / box	50pcs / box
Other accessories options			
See accessories section			
Notes:			
Connector with Grey Housing: P/N G1GF2000 Connector without press-cable screw	Connector with Grey Housing: P/N G1GF3000 Connector without press-cable screw	Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8	Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8



Technical drawing							
						 <p>Internalcore suitable for faston contacts</p>	
Product description							
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A	A	A	A	A
Part number	G1NU2000-UL	G1NU3000-UL	G1NU3000-UL	G1FNU2000-UL	G1FNU2000-UL	G1FNU2000-UL	G1FNU2000-UL
Description	Square connector G1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector G1F series, UL approved, complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm	18mm	18mm	18mm	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.	3poles + P.E.	3poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black	Black	Black	Black	Black	Black
Housing height	30mm	30mm	30mm	30mm	30mm	30mm	30mm
Cable gland	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data							
Type of termination	Screw contacts	Screw contacts	Screw contacts	Screw contacts	Female Faston contacts 6.3 x 0.8mm	Female Faston contacts 6.3 x 0.8mm	Female Faston contacts 6.3 x 0.8mm
Contact screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	-	-	-
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-	-	-	-	-	-
Led colour	-	-	-	-	-	-	-
Suitable cable	∅ cable 6-10mm	∅ cable 6-10mm	∅ cable 6-10mm	∅ cable 6-10mm	∅ cable 6-10mm	∅ cable 6-10mm	∅ cable 6-10mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
Packaging							
Qty/Box	50pcs / box	50pcs / box	50pcs / box	50pcs / box	50pcs / box	50pcs / box	50pcs / box
Other accessories options							
See accessories section							
Notes:							
Connector available with different circuits		Connector available with different circuits		Connector available with different circuits		Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8	

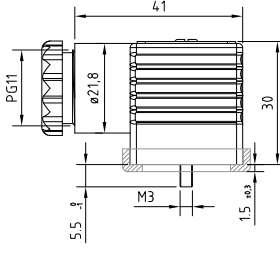
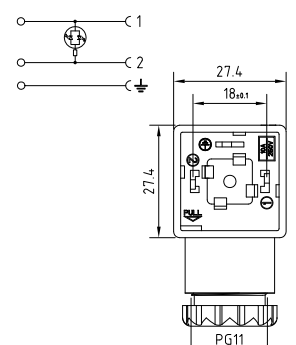
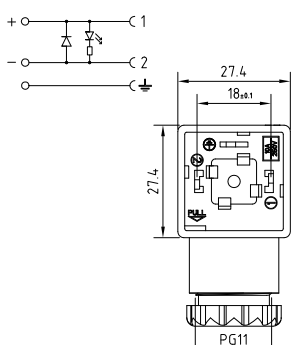
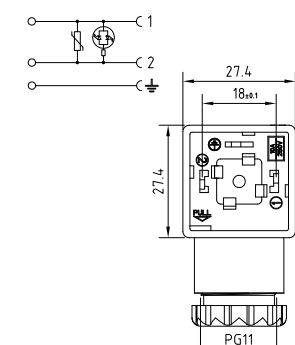
VALVE CONNECTORS

Field attachable connectors - Form A
EN175301-803(DIN43650)



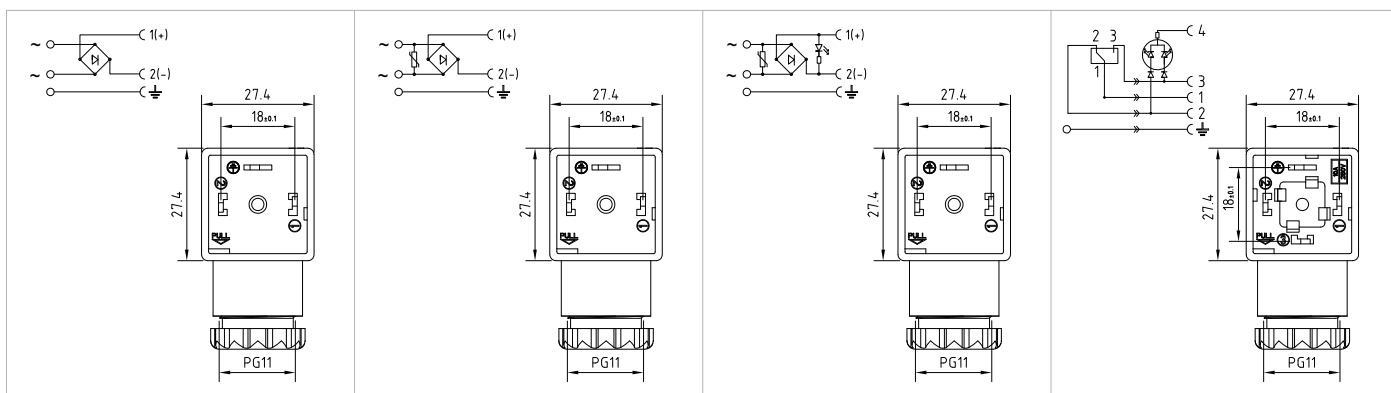
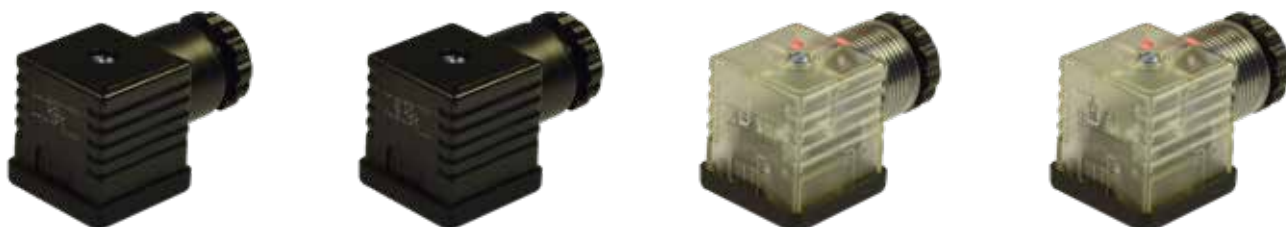
Product description			
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
G1FNU3000-UL	G1NU2000-ATEX	G1NU3000-ATEX	G1NU2D03
Square connector G1F series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series complete with gasket and fixing screw. Connector with electronic.
18mm	18mm	18mm	18mm
3poles + P.E.	2poles + P.E.	3poles + P.E.	2poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Black
30mm	30mm	30mm	30mm
PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified
Profiled NBR gasket	Flat Silicone gasket	Flat Silicone gasket	Profiled NBR gasket
Technical data			
Female Faston contacts 6.3 x 0.8mm	Screw contacts	Screw contacts	Screw contacts
-	0.5 N*m	0.5 N*m	0.5 N*m
250V AC/ 300VDC	230V AC/ 300VDC	230V AC/ 300VDC	1-230V DC
-	-	-	Diode(1A)
-	-	-	-
∅ cable 6-10mm	∅ cable 6-10mm	∅ cable 6-10mm	∅ cable 6-10mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
Packaging			
50pcs / box	Singly packed in plastic bag	Singly packed in plastic bag	50pcs / box
Other accessories options			
See accessories section			
Notes:			
Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8			



Technical drawing											
											
Product description											
Connector type	DIN valve connectors			DIN valve connectors			DIN valve connectors				
Conforms to	EN175301-803			EN175301-803			EN175301-803				
Construction type	A			A			A				
Part number	G1TU2L01	G1TU2L02	G1TU2L03	G1TU2DL1	G1TU2DL2	G1TU2DL3	G1TU2VL1	G1TU2VL2	G1TU2VL3		
Description	Square connector G1 series complete with gasket and fixing screw. Connector with electronic.			Square connector G1 series complete with gasket and fixing screw. Connector with electronic.			Square connector G1 series complete with gasket and fixing screw. Connector with electronic.				
Contacts spacing	18mm			18mm			18mm				
Number of contacts	2poles + P.E.			2poles + P.E.			2poles + P.E.				
Earth positioning	H.12 (turnable)			H.12 (turnable)			H.12 (turnable)				
Housing colour	Transparent			Transparent			Transparent				
Housing height	30mm			30mm			30mm				
Cable gland	PG9/PG11 unified			PG9/PG11 unified			PG9/PG11 unified				
Gasket type	Profiled NBR gasket			Profiled NBR gasket			Profiled NBR gasket				
Technical data											
Type of termination	Screw contacts			Screw contacts			Screw contacts				
Contact screw torque	0.5 N*m			0.5 N*m			0.5 N*m				
Rated voltage	24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC		
Circuit type	Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor				
Led colour	Red			Red			Red				
Suitable cable	ø cable 6-10mm			ø cable 6-10mm			ø cable 6-10mm				
Central fixing screw	M3 L=32.5mm			M3 L=32.5mm			M3 L=32.5mm				
Central fixing screw material	Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated				
Central screw torque	0.5 N*m			0.5 N*m			0.5 N*m				
Packaging											
Qty/Box	50pcs / box			50pcs / box			50pcs / box				
Other accessories options											
See accessories section											
Notes:											
Connector available with different led colour											

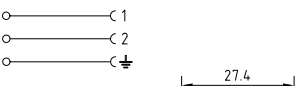
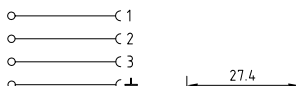
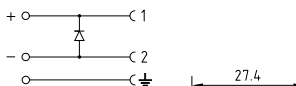
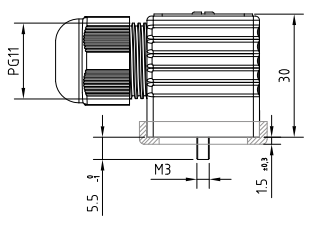
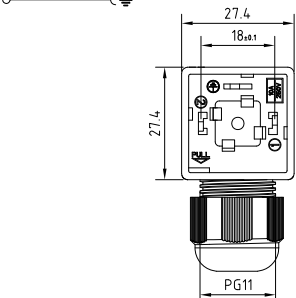
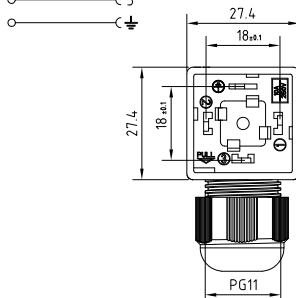
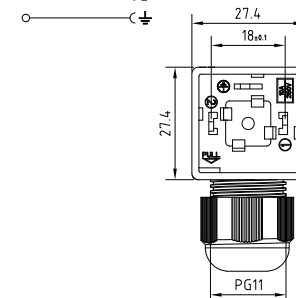
VALVE CONNECTORS

Field attachable connectors - Form A
EN175301-803(DIN43650)



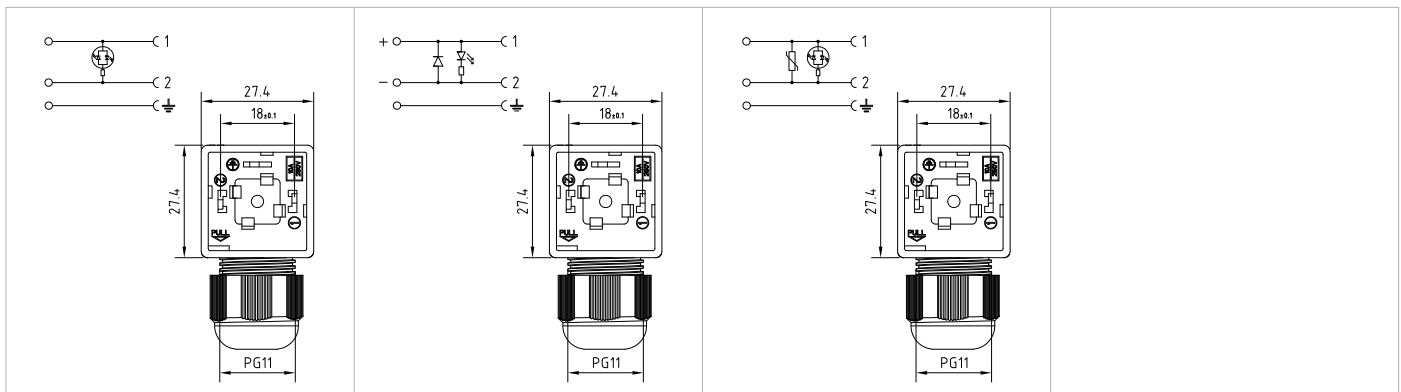
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DIN valve connectors		DIN valve connectors			DIN valve connectors			DIN valve connectors	
EN175301-803		EN175301-803			EN175301-803			EN175301-803	
A		A			A			A	
G1NU2R03		G1NU2RV1	G1NU2RV2	G1NU2RV3	G1TU2RL1	G1TU2RL2	G1TU2RL3	G1TU3Q01	G1TU3Q02 G1TU3Q03
Square connector G1 series complete with gasket and fixing screw. Connector with electronic.		Square connector G1 series complete with gasket and fixing screw. Connector with electronic.			Square connector G1 series complete with gasket and fixing screw. Connector with electronic.			Square connector G1 series complete with gasket and fixing screw. Connector with electronic.	
18mm		18mm			18mm			18mm	
2poles + P.E.		2poles + P.E.			2poles + P.E.			3poles + P.E.	
H.12 (turnable)		H.12 (turnable)			H.12 (turnable)			H.12 (turnable)	
Black		Black			Transparent			Transparent	
30mm		30mm			30mm			30mm	
PG9/PG11 unified		PG9/PG11 unified			PG9/PG11 unified			PG9/PG11 unified	
Profiled NBR gasket		Profiled NBR gasket			Profiled NBR gasket			Profiled NBR gasket	
Technical data									
Screw contacts		Screw contacts			Screw contacts			Screw contacts	
0.5 N*m		0.5 N*m			0.5 N*m			0.5 N*m	
1-230V AC		24V AC	115V AC	230V AC	24V AC	115V AC	230V AC	24V DC	115V DC 230V DC
Full-Wave Bridge Rectifier (1A)		Full-Wave Bridge Rectifier + Varistor			Full-Wave Bridge Rectifier + Varistor + Led			Bicolour Led + no.2 Diodes (1A)	
-		-			Red			Red (pin 2) ; Green (pin3)	
ø cable 6-10mm		ø cable 6-10mm			ø cable 6-10mm			ø cable 6-10mm	
M3 L=32.5mm		M3 L=32.5mm			M3 L=32.5mm			M3 L=32.5mm	
Iron+Zinc plated		Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated	
0.5 N*m		0.5 N*m			0.5 N*m			0.5 N*m	
Packaging									
50pcs / box		50pcs / box			50pcs / box			50pcs / box	
Other accessories options									
See accessories section									
Notes:									
					Connector available with different led colour			Connector available with different led connection: Q8 circuit (Green pin 2; Red pin 3) Q1 circuit (Yellow pin 2; Green pin 3)	



Technical drawing				
				
Product description				
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A	A
Part number	G1NU2000-SK	G1NU3000-SK	G1NU2D03-SK	
Description	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.	
Contacts spacing	18mm	18mm	18mm	
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.	
Earth positioning	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	
Housing colour	Black	Black	Black	
Housing height	30mm	30mm	30mm	
Cable gland	SK- PG11	SK- PG11	SK- PG11	
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	
Technical data				
Type of termination	Screw contacts	Screw contacts	Screw contacts	
Contact screw torque	0.5 N*m	0.5 N*m	0.5 N*m	
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC	
Circuit type	-	-	Diode(1A)	
Led colour	-	-	-	
Suitable cable	∅ cable 4-8.6mm	∅ cable 4-8.6mm	∅ cable 4-8.6mm	
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	
Packaging				
Qty/Box	50pcs / box	50pcs / box	50pcs / box	
Other accessories options				
See accessories section				
Notes:				

VALVE CONNECTORS

Field attachable connectors - Form A
EN175301-803(DIN43650)



Product description									
DIN valve connectors			DIN valve connectors			DIN valve connectors			
EN175301-803			EN175301-803			EN175301-803			
A			A			A			
G1TU2L01-SK	G1TU2L02-SK	G1TU2L03-SK	G1TU2DL1-SK	G1TU2DL2-SK	G1TU2DL3-SK	G1TU2VL1-SK	G1TU2VL2-SK	G1TU2VL3-SK	
Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.			Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.			Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.			
18mm			18mm			18mm			
2poles + P.E.			2poles + P.E.			2poles + P.E.			
H.12 (turnable)			H.12 (turnable)			H.12 (turnable)			
Transparent			Transparent			Transparent			
30mm			30mm			30mm			
SK- PG11			SK- PG11			SK- PG11			
Profiled NBR gasket			Profiled NBR gasket			Profiled NBR gasket			
Technical data									
Screw contacts			Screw contacts			Screw contacts			
0.5 N*m			0.5 N*m			0.5 N*m			
24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	
Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor			
Red			Red			Red			
ø cable 4-8.6mm			ø cable 4-8.6mm			ø cable 4-8.6mm			
M3 L=32.5mm			M3 L=32.5mm			M3 L=32.5mm			
Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated			
0.5 N*m			0.5 N*m			0.5 N*m			
Packaging									
50pcs / box			50pcs / box			50pcs / box			
Other accessories options									
See accessories section									
Notes:									
Connector available with different led colour									



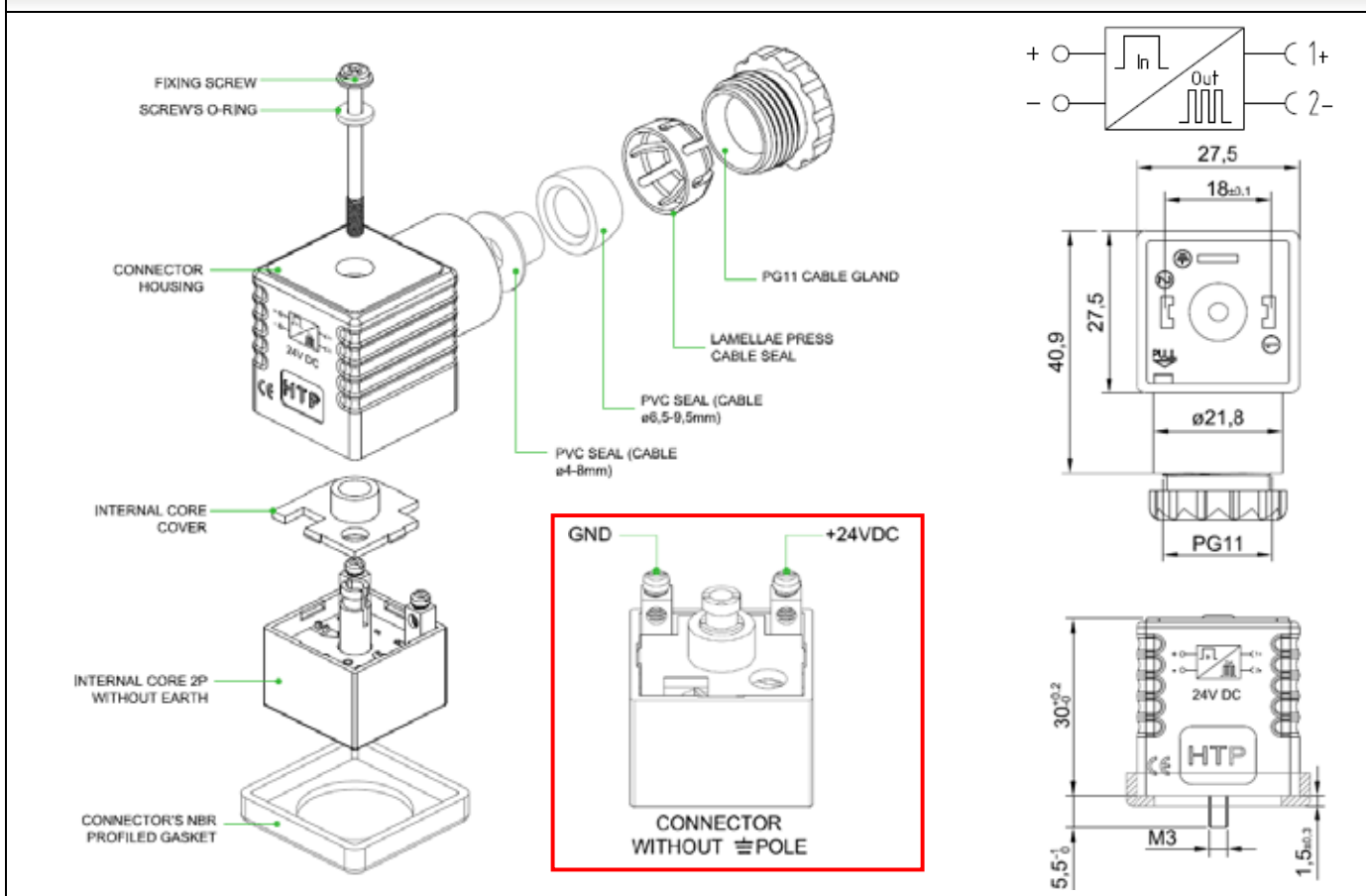
GENERAL SPECIFICATIONS

THE FOLLOWING FEATURES REFER TO THE PARTS CURRENTLY IN PRODUCTION OR TO THE PARTS WHOSE PRODUCTION HAS ALREADY BEEN FINALIZED. USED OR MAXIMUM POWER OR PERCENTAGE OF REDUCTION AS WELL AS "BOOST" TIMINGS OR OTHER FEATURES

ELECTRICAL FEATURES

OPERATING VOLTAGE	24 V DC
ENERGY SAVING ON VALVE	60% OF NOMINAL POWER
MAX POWER TO VALVE	48 W
POWER PARTIALIZED PHASE	40% MAX POWER
MAX CURRENT	2 A
BOOST TIME	400 ms
PWM WORKING FREQUENCY	20 KHz
CONNECTOR TEMPERATURE RANGE	-40 °C +90 °C

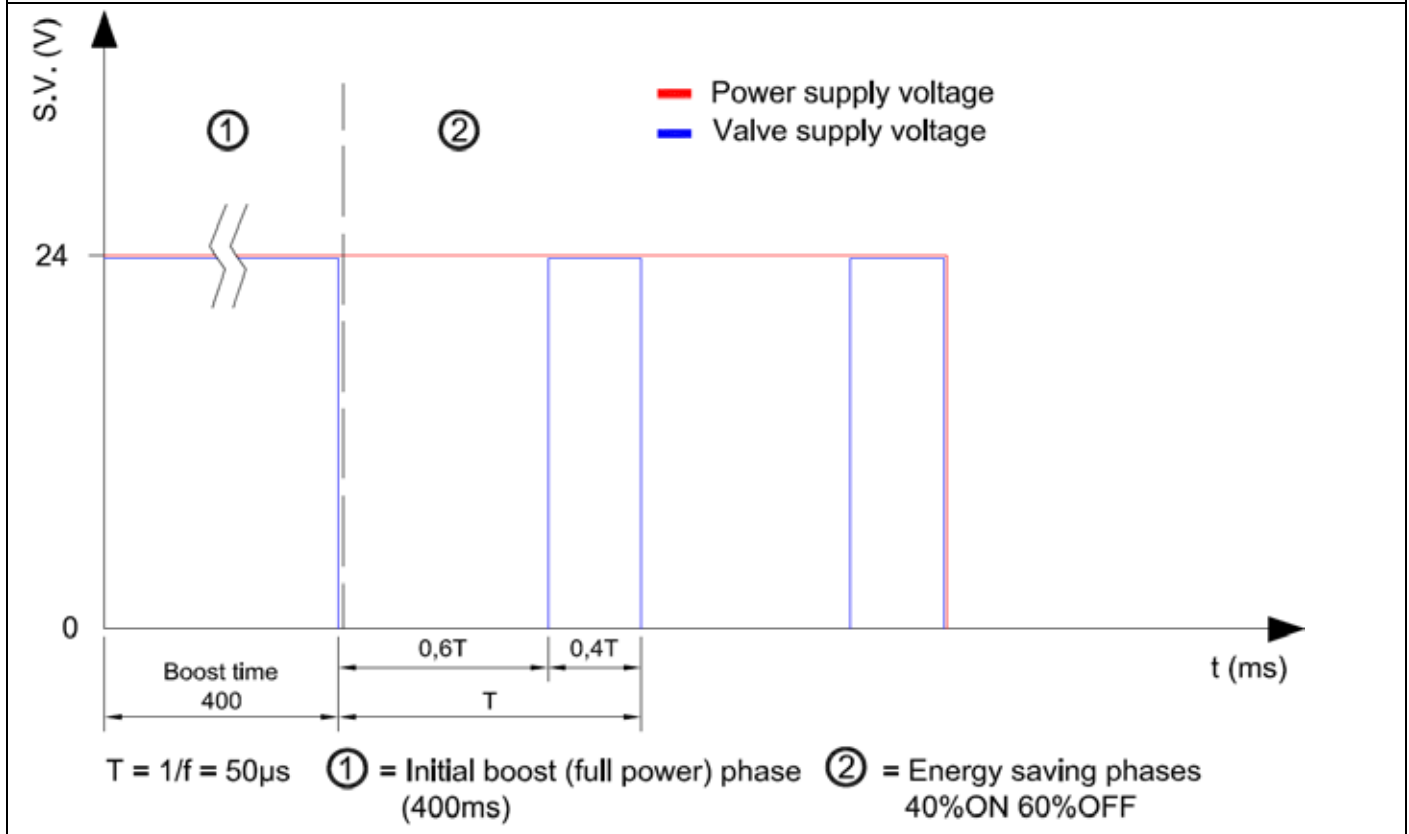
CONNECTOR DRAWING



VALVE CONNECTORS

Field attachable connectors - Form A
EN175301-803(DIN43650)

SUPPLY VOLTAGE CHART



ELECTRICAL PROTECTION

- NO OVERVOLTAGE GENERATION ON SUPPLY LINE
- PROTECTED AGAINST INCORRECT POLARITY CONNECTION

ADVANTAGES OF ENERGY SAVING

- REDUCTION BY 60% OF ENERGY CONSUMPTION
- REDUCTION BY 60% OF VALVE'S WORKING TIME
- EXTENTION OF VALVE'S LIFE

EXAMPLE OF ENERGY SAVING USING

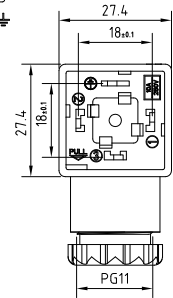
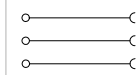
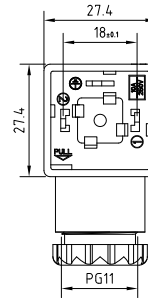
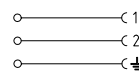
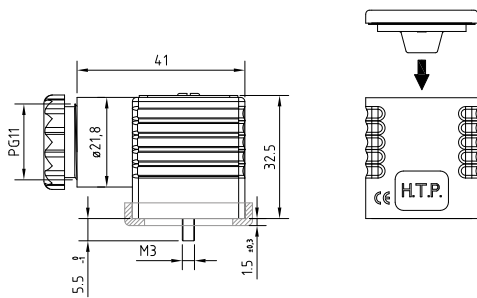
- AMBIENT TEMPERATURE = 20 °C
- TEMPERATURE INSIDE VALVE AFTER 30 SECONDS WITH STANDARD CONNECTOR BOARD = 132 °C
- TEMPERATURE INSIDE VALVE AFTER 60 SECONDS WITH ENERGY SAVING CONNECTOR = 75 °C

EMC TEST

- THE PRODUCT SUCCEEDED THE EMC TESTS (REFERS TO *DIRECTIVE 2014/30/EU*)



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	G1CNU2000	G1CNU3000
Description	Square connector G1C series complete with gasket and fixing screw. Connector without electronic.	Square connector G1C series complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black
Housing height	32.5mm	32.5mm
Cable gland	PG9/PG11 unified	PG9/PG11 unified
Gasket type	Profiled NBR gasket	Profiled NBR gasket
Technical data		
Type of termination	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m
Rated voltage	250 AC/ 300V DC	250 AC/ 300V DC
Circuit type	-	-
Led colour	-	-
Suitable cable	∅ cable 6-10mm	∅ cable 6-10mm
Central fixing screw	M3 L=35.4mm	M3 L=35.4mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m
Packaging		
Qty/Box	50pcs in box	50pcs in box
Other accessories options		
See accessories section		
Notes:	Connector available with different circuits.	Connector available with different circuits.

VALVE CONNECTORS

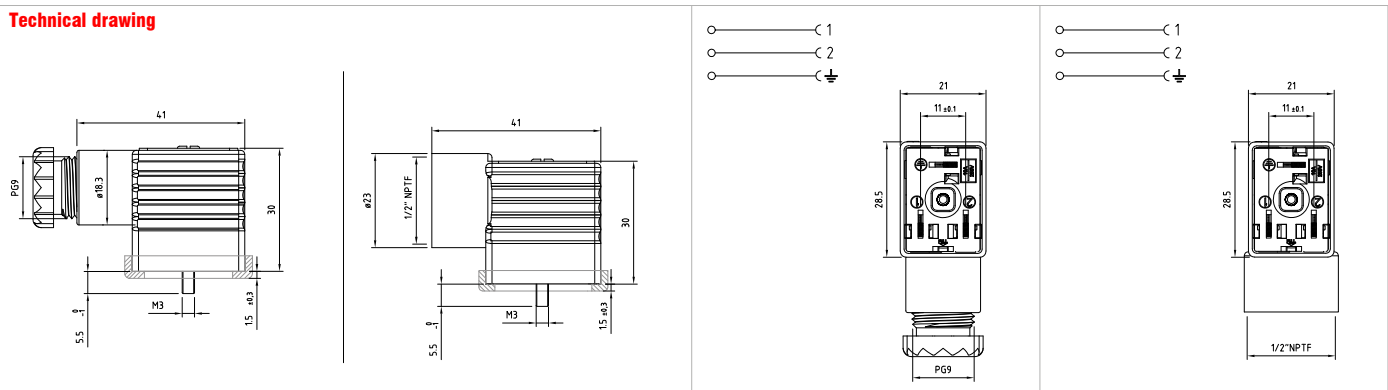
Field attachable connectors - Form A
EN175301-803(DIN43650)



Technical drawing										
Product description										
Connector type	DIN valve connectors			DIN valve connectors			DIN valve connectors			
Conforms to	EN175301-803			EN175301-803			EN175301-803			
Construction type	A			A			A			
Part number	G4NU2RV1-3A	G4NU2RV2-3A	G4NU2RV3-3A	G4TU2RL1-3A	G4TU2RL2-3A	G4TU2RL3-3A	G4TU2FL1-3A	G4TU2FL2-3A	G4TU2FL3-3A	
Description	Square connector G4 series complete with gasket and fixing screw. Connector with electronic (3A components).			Square connector G4 series complete with gasket and fixing screw. Connector with electronic (3A components).			Square connector G4 series complete with gasket and fixing screw. Connector with electronic (3A components).			
Contacts spacing	18mm			18mm			18mm			
Number of contacts	2poles + 2 P.E.			2poles + 2 P.E.			2poles + 2 P.E.			
Earth positioning	H.6-12			H.6-12			H.6-12			
Housing colour	Black / Black Cover			Black / Transparent Cover			Black / Transparent Cover			
Housing height	46.4mm			46.4mm			46.4mm			
Cable gland	PG9/PG11 unified			PG9/PG11 unified			PG9/PG11 unified			
Gasket type	Flat NBR gasket			Flat NBR gasket			Flat NBR gasket			
Technical data										
Type of termination	Screw contacts			Screw contacts			Screw contacts			
Contact screw torque	0.5 N*m			0.5 N*m			0.5 N*m			
Rated voltage	24V AC	115V AC	230V AC	24V AC	115V AC	230V AC	24V AC	115V AC	230V AC	
Circuit type	Full-Wave Bridge Rectifier (3A) + Varistor (3A)			Full-Wave Bridge Rectifier(3A) + Varistor(3A) + Led			RC circuit+ Led			
Led colour	-			Red			Red			
Suitable cable	ø cable 6-10mm			ø cable 6-10mm			ø cable 6-10mm			
Central fixing screw	M3 L=42mm			M3 L=42mm			M3 L=42mm			
Central fixing screw material	Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated			
Central screw torque	0.5 N*m			0.5 N*m			0.5 N*m			
Packaging										
Qty/Box	40pcs in box			40pcs in box			40pcs in box			
Other accessories options										
See accessories section										
Notes:										
				Connector available with different led colour			Connector available with different led colour			



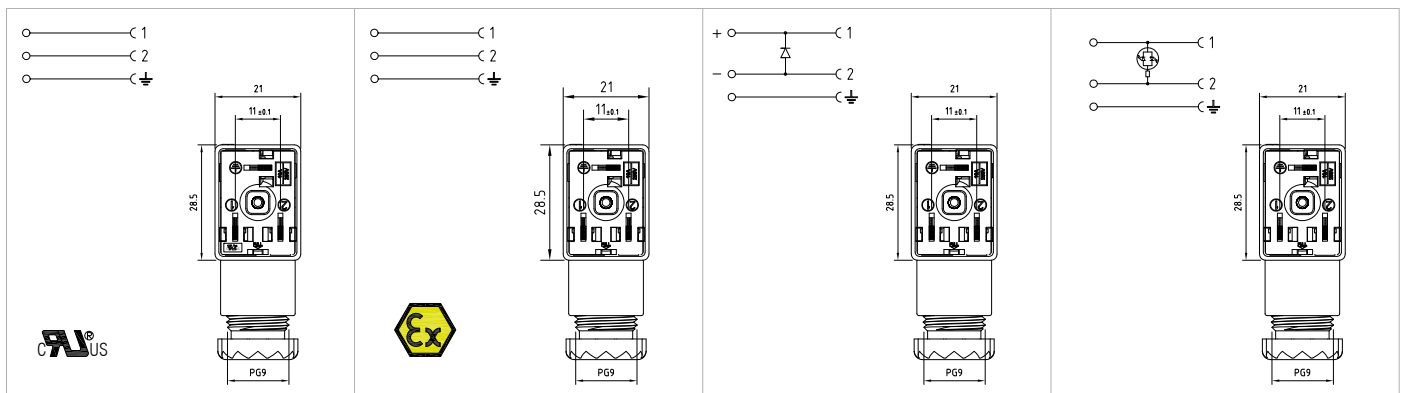
Technical drawing



Product description		
Connector type	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial
Construction type	B	B
Part number	M1NS2000	M1NF2000
Description	Rectangular connector M1 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M1 series complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	11mm	11mm
Number of contacts	2poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black
Housing height	30mm	30mm
Cable gland	PG9	1/2" NPTF
Gasket type	Profiled NBR gasket	Profiled NBR gasket
Technical data		
Type of termination	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-
Led colour	-	-
Suitable cable	∅ cable 6-8mm	∅ cable 8-10mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m
Packaging		
Qty/Box	50pcs / box	50pcs / box
Other accessories options		
See accessories section		
Notes:		
	Connector with Grey Housing: P/N M1GS2000	Connector with Grey Housing: P/N M1GF2000 Connector without press-cable screw

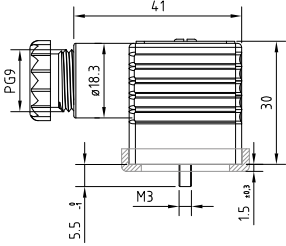
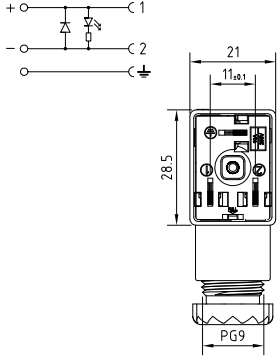
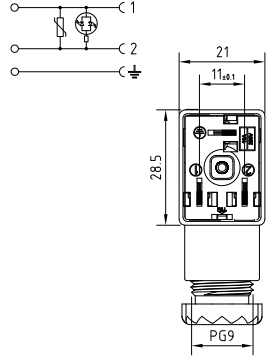
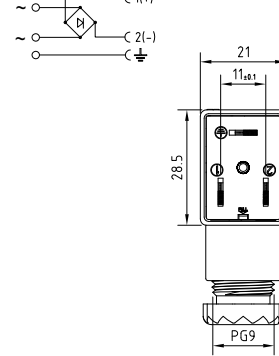
VALVE CONNECTORS

Field attachable connectors - Form B - Industrial



Product description			
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Industrial	Industrial	Industrial	Industrial
B	B	B	B
M1NS2000-UL	M1NS2000-ATEX	M1NS2D03	M1TS2L01 M1TS2L02 M1TS2L03
Rectangular connector M1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M1 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.
11mm	11mm	11mm	11mm
2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Transparent
30mm	30mm	30mm	30mm
PG9	PG9	PG9	PG9
Profiled NBR gasket	Flat Silicone gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
250V AC/ 300VDC	230V AC/ 300VDC	1-230V DC	24V AC/DC 115V AC/DC 230V AC/DC
-	-	Diode(1A)	Bipolar Led
-	-	-	Red
∅ cable 6-8mm	∅ cable 6-8mm	∅ cable 6-8mm	∅ cable 6-8mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
Packaging			
50pcs / box	Singly paked in plastic bag	50pcs / box	50pcs / box
Other accessories options			
See accessories section			
Notes:			
Connector available with different circuits.			Connector available with different led colour



Technical drawing			
			
Product description			
Connector type	DIN valve connectors		
Conforms to	Industrial		
Construction type	B		
Part number	M1TS2DL1	M1TS2DL2	M1TS2DL3
Description	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	11mm		
Number of contacts	2poles + P.E.		
Earth positioning	H.12 (turnable)		
Housing colour	Transparent		
Housing height	30mm		
Cable gland	PG9		
Gasket type	Profiled NBR gasket		
Technical data			
Type of termination	Screw contacts		
Contact screw torque	0.5 N*m		
Rated voltage	24V DC	115V DC	230V DC
Circuit type	Led + Diode(1A)		
Led colour	Red		
Suitable cable	ø cable 6-8mm		
Central fixing screw	M3 L=32.5mm		
Central fixing screw material	Iron+Zinc plated		
Central screw torque	0.5 N*m		
Packaging			
Qty/Box	50pcs / box		
Other accessories options			
See accessories section			
Notes:			
	Connector available with different led colour		Connector available with different led colour

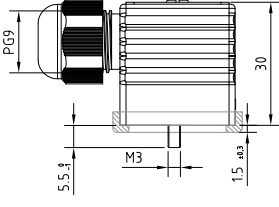
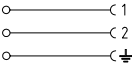
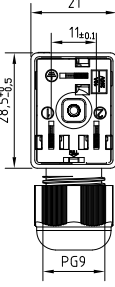
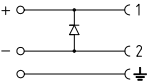
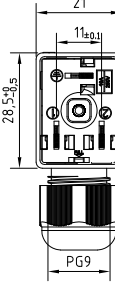
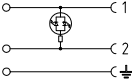
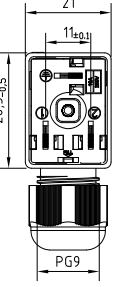
VALVE CONNECTORS

Field attachable connectors - Form B - Industrial



Product description					
DIN valve connectors		DIN valve connectors			
Industrial		Industrial			
B		B			
M1NS2RV1	M1NS2RV2	M1NS2RV3	M1TS2RL1	M1TS2RL2	M1TS2RL3
Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.		
11mm		11mm			
2poles + P.E.		2poles + P.E.			
H.12 (turnable)		H.12 (turnable)			
Black		Transparent			
30mm		30mm			
PG9		PG9			
Profiled NBR gasket		Profiled NBR gasket			
Technical data					
Screw contacts		Screw contacts			
0.5 N*m		0.5 N*m			
24V AC	115V AC	230V AC	24V AC	115V AC	230V AC
Full-Wave Bridge Rectifier + Varistor		Full-Wave Bridge Rectifier + Varistor + Led			
-		Red			
ø cable 6-8mm		ø cable 6-8mm			
M3 L=32.5mm		M3 L=32.5mm			
Iron+Zinc plated		Iron+Zinc plated			
0.5 N*m		0.5 N*m			
Packaging					
50pcs / box		50pcs / box			
Other accessories options					
See accessories section					
Notes:					
		Connector available with different led colour			

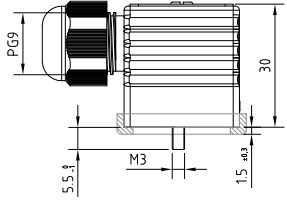
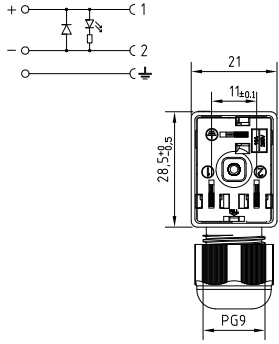
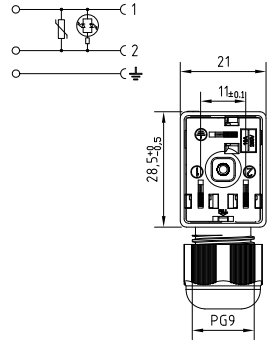
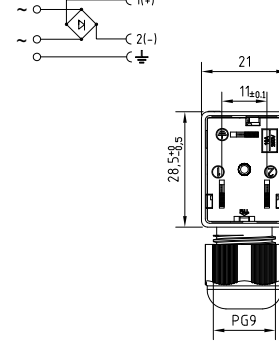


Technical drawing			
	 	 	 
Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial	Industrial
Construction type	B	B	B
Part number	M1NS2000-SK	M1NS2D03-SK	M1TS2L01-SK M1TS2L02-SK M1TS2L03-SK
Description	Rectangular connector M1 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	11mm	11mm	11mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black	Transparent
Housing height	30mm	30mm	30mm
Cable gland	SK - PG9	SK - PG9	SK - PG9
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	1-230V DC	24V AC/DC 115V AC/DC 230V AC/DC
Circuit type	-	Diode(1A)	Bipolar Led
Led colour	-	-	Red
Suitable cable	∅ cable 4-8.6mm	∅ cable 4-8.6mm	∅ cable 4-8.6mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Packaging			
Qty/Box	50pcs / box	50pcs / box	50pcs / box
Other accessories options			
See accessories section			
Notes:			
	Connector available with different circuits.		Connector available with different led colour

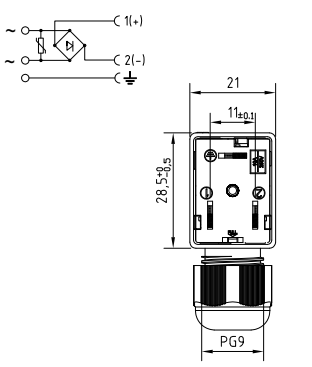
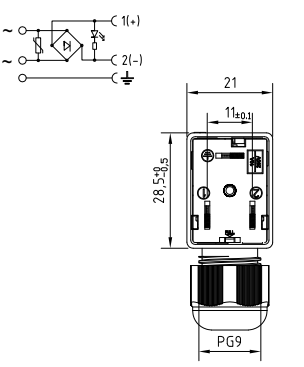
VALVE CONNECTORS

Field attachable connectors - Form B - Industrial



Technical drawing			
			
Product description			
Connector type	DIN valve connectors		
Conforms to	Industrial		
Construction type	B		
Part number	M1TS2DL1-SK M1TS2DL2-SK M1TS2DL3-SK	M1TS2VL1-SK M1TS2VL2-SK M1TS2VL3-SK	M1NS2R03-SK
Description	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	11mm		
Number of contacts	2poles + P.E.		
Earth positioning	H.12 (turnable)		
Housing colour	Transparent		
Housing height	30mm		
Cable gland	SK - PG9		
Gasket type	Profiled NBR gasket		
Technical data			
Type of termination	Screw contacts		
	0.5 N*m		
Rated voltage	24V DC	115V DC	230V DC
Circuit type	Led + Diode(1A)		Full-Wave Bridge Rectifier (1A)
Led colour	Red		-
Suitable cable	ø cable 4-8.6mm		
Central fixing screw	M3 L=32.5mm		
Central fixing screw material	Iron+Zinc plated		
Central screw torque	0.5 N*m		
Packaging			
Qty/Box	50pcs / box		
Other accessories options			
See accessories section			
Notes:			
	Connector available with different led colour	Connector available with different led colour	

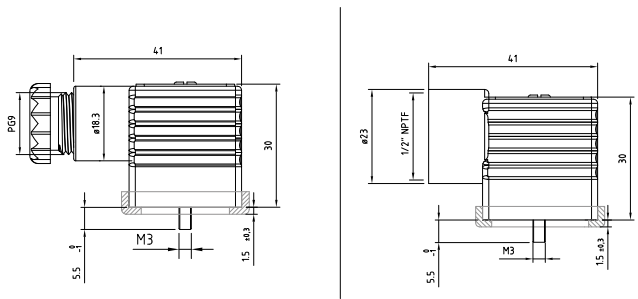
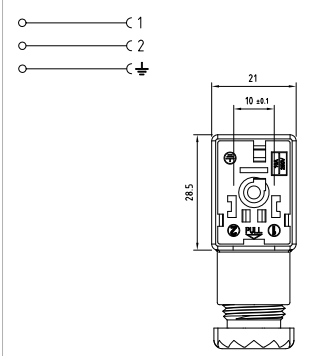
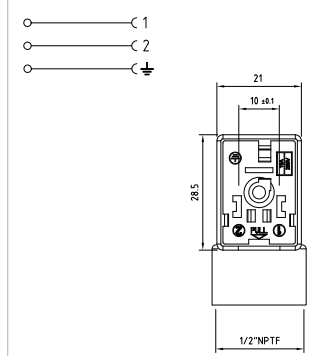


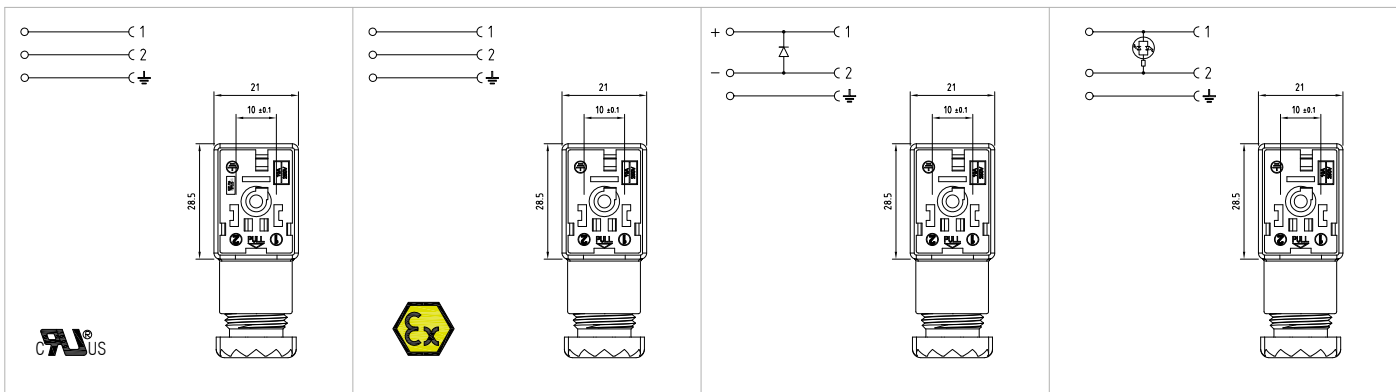
 <p>~ C 1(+) ~ C 2(-) ~ C PE</p> <p>21 11±0,1 28.5±0,5 PG9</p>	 <p>~ C 1(+) ~ C 2(-) ~ C PE</p> <p>21 11±0,1 28.5±0,5 PG9</p>		
Product description			
DIN valve connectors	DIN valve connectors		
Industrial	Industrial		
B	B		
M1NS2RV1-SK M1NS2RV2-SK M1NS2RV3-SK	M1TS2RL1-SK M1TS2RL2-SK M1TS2RL3-SK		
Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.		
11mm	11mm		
2poles + P.E.	2poles + P.E.		
H.12 (turnable)	H.12 (turnable)		
Black	Transparent		
30mm	30mm		
SK - PG9	SK - PG9		
Profiled NBR gasket	Profiled NBR gasket		
Technical data			
Screw contacts	Screw contacts		
0.5 N*m	0.5 N*m		
24V AC 115V AC 230V AC	24V AC 115V AC 230V AC		
Full-Wave Bridge Rectifier + Varistor	Full-Wave Bridge Rectifier + Varistor + Led		
-	Red		
ø cable 4-8.6mm	ø cable 4-8.6mm		
M3 L=32.5mm	M3 L=32.5mm		
Iron+Zinc plated	Iron+Zinc plated		
0.5 N*m	0.5 N*m		
Packaging			
50pcs / box	50pcs / box		
Other accessories options			
See accessories section			
Notes:			
	Connector available with different led colour		

VALVE CONNECTORS

Field attachable connectors - Form B
EN175301-803(DIN43650)



Technical drawing			
			
Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	B	B	B
Part number	M2NS2000	M2NF2000	M2NF2000
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	10mm	10mm	10mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black	Black
Housing height	30mm	30mm	30mm
Cable gland	PG9	1/2"NPTF	1/2"NPTF
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-	-
Led colour	-	-	-
Suitable cable	∅ cable 6-8mm	∅ cable 6-8mm	∅ cable 6-8mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Packaging			
Qty/Box	50pcs / box	50pcs / box	50pcs / box
Other accessories options			
See accessories section			
Notes:		Connector with Grey Housing: P/N M2GS2000	Connector with Grey Housing: P/N M2GF2000 Connector without press-cable screw



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
B	B	B	B
M2NS2000-UL	M2NS2000-ATEX	M2NS2D03	M2TS2L01 M2TS2L02 M2TS2L03
Rectangular connector M2 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M2 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.
10mm	10mm	10mm	10mm
2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Transparent
30mm	30mm	30mm	30mm
PG9	PG9	PG9	PG9
Profiled NBR gasket	Flat Silicone gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
250V AC/ 300VDC	230V AC/ 300VDC	1-230V DC	24V AC/DC 115V AC/DC 230V AC/DC
-	-	Diode(1A)	Bipolar Led
-	-	-	Red
∅ cable 6-8mm	∅ cable 6-8mm	∅ cable 6-8mm	∅ cable 6-8mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

50pcs / box	Singly packed in plastic bag	50pcs / box	50pcs / box
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Other accessories options

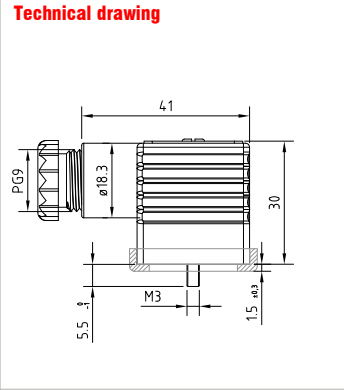
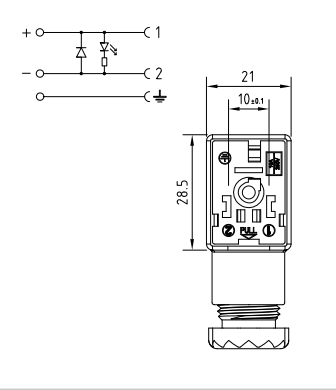
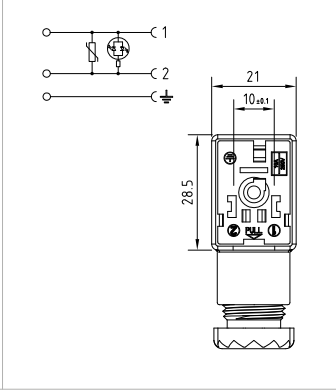
See accessories section

Notes: Connector available with different circuits.			Connector available with different led colour
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VALVE CONNECTORS

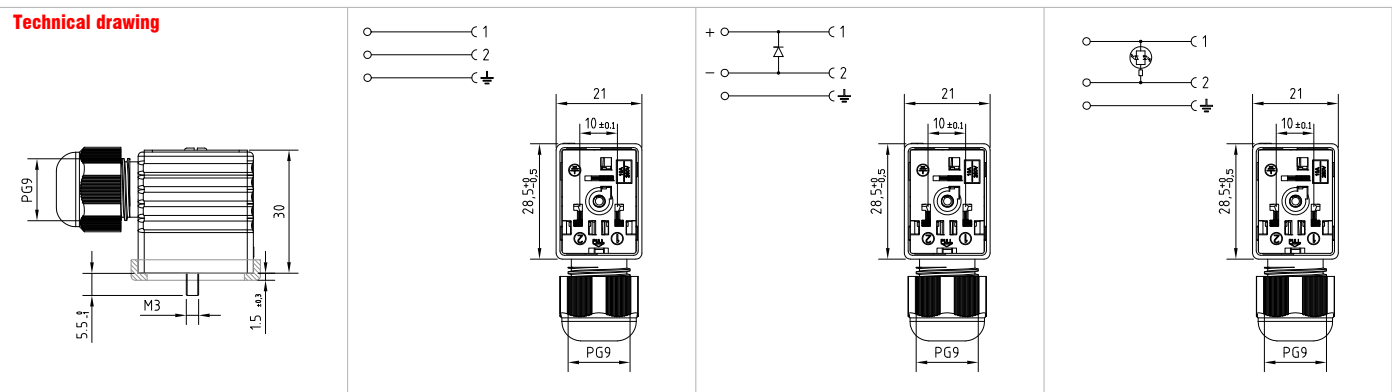
Field attachable connectors - Form B
EN175301-803(DIN43650)



Technical drawing						
						
Product description						
Connector type	DIN valve connectors			DIN valve connectors		
Conforms to	EN175301-803			EN175301-803		
Construction type	B			B		
Part number	M2TS2DL1	M2TS2DL2	M2TS2DL3	M2TS2VL1	M2TS2VL2	M2TS2VL3
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	10mm			10mm		
Number of contacts	2poles + P.E.			2poles + P.E.		
Earth positioning	H.12 (turnable)			H.12 (turnable)		
Housing colour	Transparent			Transparent		
Housing height	30mm			30mm		
Cable gland	PG9			PG9		
Gasket type	Profiled NBR gasket			Profiled NBR gasket		
Technical data						
Type of termination	Screw contacts			Screw contacts		
Contact screw torque	0.5 N*m			0.5 N*m		
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red		
Suitable cable	ø cable 6-8mm			ø cable 6-8mm		
Central fixing screw	M3 L=32.5mm			M3 L=32.5mm		
Central fixing screw material	Iron+Zinc plated			Iron+Zinc plated		
Central screw torque	0.5 N*m			0.5 N*m		
Packaging						
Qty/Box	50pcs / box			50pcs / box		
Other accessories options						
See accessories section						
Notes:						
	Connector available with different led colour			Connector available with different led colour		



Technical drawing



Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	B	B	B
Part number	M2NS2000-SK	M2NS2D03-SK	M2TS2L01-SK M2TS2L02-SK M2TS2L03-SK
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	10mm	10mm	10mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black	Transparent
Housing height	30mm	30mm	30mm
Cable gland	SK - PG9	SK - PG9	SK - PG9
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	1-230V DC	24V AC/DC 115V AC/DC 230V AC/DC
Circuit type	-	Diode(1A)	Bipolar Led
Led colour	-	-	Red
Suitable cable	∅ cable 4-8.6mm	∅ cable 4-8.6mm	∅ cable 4-8.6mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Packaging			
Qty/Box	50pcs / box	50pcs / box	50pcs / box
Other accessories options			
See accessories section			
Notes:	Connector available with different circuits.		Connector available with different led colour

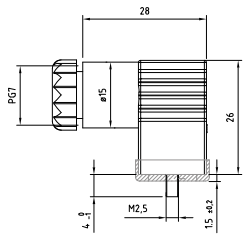
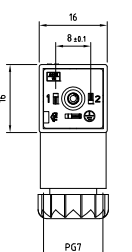
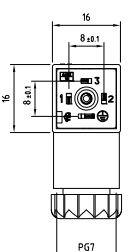
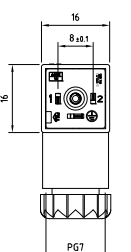
VALVE CONNECTORS

Field attachable connectors - Form B
EN175301-803(DIN43650)



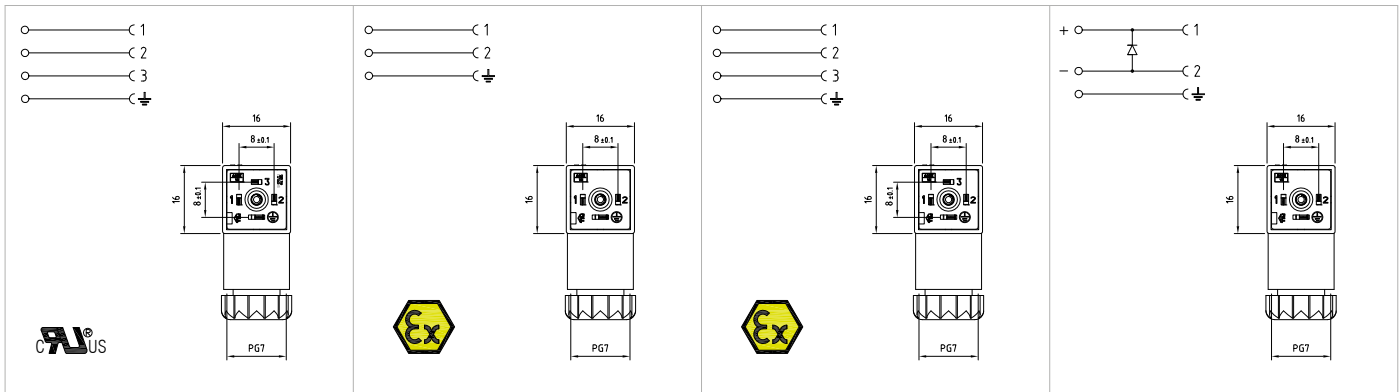
Technical drawing							
Product description							
Connector type	DIN valve connectors			DIN valve connectors			
Conforms to	EN175301-803			EN175301-803			
Construction type	B			B			
Part number	M2TS2DL1-SK	M2TS2DL2-SK	M2TS2DL3-SK	M2TS2VL1-SK	M2TS2VL2-SK	M2TS2VL3-SK	
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.			
Contacts spacing	10mm			10mm			
Number of contacts	2poles + P.E.			2poles + P.E.			
Earth positioning	H.12 (turnable)			H.12 (turnable)			
Housing colour	Transparent			Transparent			
Housing height	30mm			30mm			
Cable gland	SK - PG9			SK - PG9			
Gasket type	Profiled NBR gasket			Profiled NBR gasket			
Technical data							
Type of termination	Screw contacts			Screw contacts			
	0.5 N*m			0.5 N*m			
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor			
Led colour	Red			Red			
Suitable cable	ø cable 4-8.6mm			ø cable 4-8.6mm			
Central fixing screw	M3 L=32.5mm			M3 L=32.5mm			
Central fixing screw material	Iron+Zinc plated			Iron+Zinc plated			
Central screw torque	0.5 N*m			0.5 N*m			
Packaging							
Qty/Box	50pcs / box			50pcs / box			
Other accessories options							
See accessories section							
Notes:		Connector available with different led colour		Connector available with different led colour			



Technical drawing					
		<ul style="list-style-type: none"> ○ ———— C 1 ○ ———— C 2 ○ ———— C \perp 	<ul style="list-style-type: none"> ○ ———— C 1 ○ ———— C 2 ○ ———— C 3 ○ ———— C \perp 	<ul style="list-style-type: none"> ○ ———— C 1 ○ ———— C 2 ○ ———— C \perp 	
Product description		DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C	C	C
Part number	P1NZ2000	P1NZ3000	P1NZ3000	P1NZ2000-UL	P1NZ2000-UL
Description	Square micro connector P1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	8mm	8mm	8mm	8mm	8mm
Number of contacts	2poles + P.E.	3poles + P.E.	3poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Housing colour	Black	Black	Black	Black	Black
Housing height	26mm	26mm	26mm	26mm	26mm
Cable gland	PG7	PG7	PG7	PG7	PG7
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data					
Type of termination	Screw contacts	Screw contacts	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.25 N*m	0.25 N*m	0.25 N*m	0.25 N*m	0.25 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-	-	-	-
Led colour	-	-	-	-	-
Suitable cable	∅ cable 4-6mm	∅ cable 4-6mm	∅ cable 4-6mm	∅ cable 4-6mm	∅ cable 4-6mm
Central fixing screw	M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.4 N*m	0.4 N*m	0.4 N*m	0.4 N*m	0.4 N*m
Packaging					
Qty/Box	100pcs / box	100pcs / box	100pcs / box	100pcs / box	100pcs / box
Other accessories options					
See accessories section					
Notes:		Connector with Grey Housing: P/N P1GZ2000	Connector with Grey Housing: P/N P1GZ3000	Connector available with different circuits.	

VALVE CONNECTORS

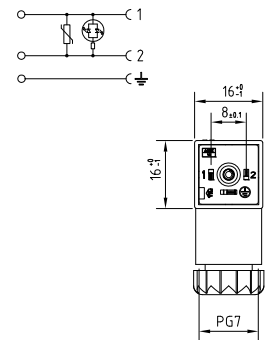
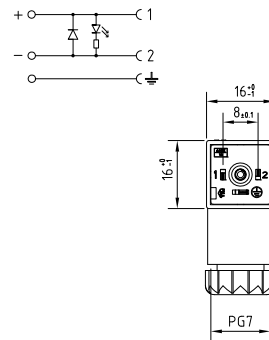
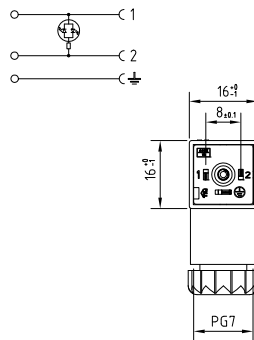
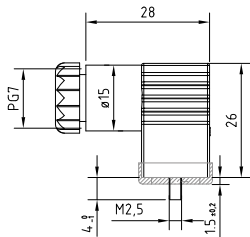
Field attachable connectors - Form C
EN175301-803(DIN43650)



Product description			
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
C	C	C	C
P1NZ3000-UL	P1NZ2000-ATEX	P1NZ3000-ATEX	P1NZ2D03
Square micro connector P1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.
8mm	8mm	8mm	8mm
3poles + P.E.	2poles + P.E.	3poles + P.E.	2poles + P.E.
H.6 (turnable)	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Black	Black	Black	Black
26mm	26mm	26mm	26mm
PG7	PG7	PG7	PG7
Profiled NBR gasket	Flat Silicone gasket	Flat Silicone gasket	Profiled NBR gasket
Technical data			
Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.25 N*m	0.25 N*m	0.25 N*m	0.25 N*m
250V AC/ 300VDC	230V AC/ 300VDC	230V AC/ 300VDC	1-230V DC
-	-	-	Diode(1A)
-	-	-	-
ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm
M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.4 N/m	0.4 N*m	0.4 N*m	0.4 N*m
Packaging			
100pcs / box	Singly packed in plastic bag	Singly packed in plastic bag	100pcs / box
Other accessories options			
See accessories section			
Notes:			
Connector available with different circuits.			



Technical drawing



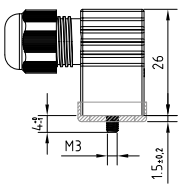
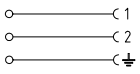
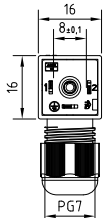
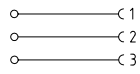
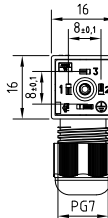
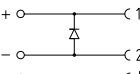
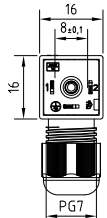
Product description

Connector type	DIN valve connectors			DIN valve connectors			DIN valve connectors		
Conforms to	EN175301-803			EN175301-803			EN175301-803		
Construction type	C			C			C		
Part number	P1T22L01	P1T22L02	P1T22L03	P1T22DL1	P1T22DL2	P1T22DL3	P1T22VL1	P1T22VL2	P1T22VL3
Description	Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.			Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.			Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	8mm			8mm			8mm		
Number of contacts	2poles + P.E.			2poles + P.E.			2poles + P.E.		
Earth positioning	H.6 (turnable)			H.6 (turnable)			H.6 (turnable)		
Housing colour	Transparent			Transparent			Transparent		
Housing height	26mm			26mm			26mm		
Cable gland	PG7			PG7			PG7		
Gasket type	Profiled NBR gasket			Profiled NBR gasket			Profiled NBR gasket		
Technical data									
Type of termination	Screw contacts			Screw contacts			Screw contacts		
Contact screw torque	0.25 N*m			0.25 N*m			0.25 N*m		
Rated voltage	24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Bipolar led			Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red			Red		
Suitable cable	ø cable 4-6mm			ø cable 4-6mm			ø cable 4-6mm		
Central fixing screw	M2.5 L=28mm			M2.5 L=28mm			M2.5 L=28mm		
Central fixing screw material	Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated		
Central screw torque	0.4 N*m			0.4 N*m			0.4 N*m		
Packaging									
Qty/Box	100pcs / box			100pcs / box			100pcs / box		
Other accessories options									
See accessories section									
Notes:									
Connector available with different led colour			Connector available with different led colour			Connector available with different led colour			

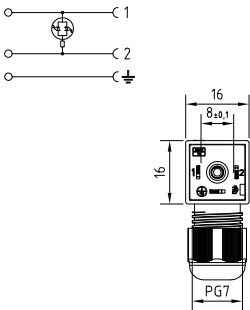
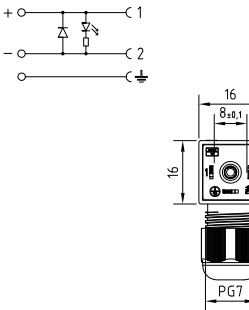
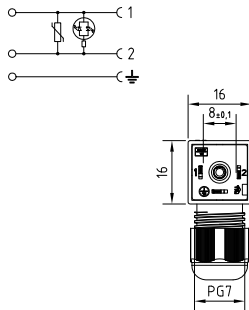
VALVE CONNECTORS

Field attachable connectors - Form C
EN175301-803(DIN43650)



Technical drawing 	 	 	 
Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C
Part number	P1NZ2000-SK	P1NZ3000-SK	P1NZ2D03-SK
Description	Square micro connector P1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	8mm	8mm	8mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Housing colour	Black	Black	Black
Housing height	26mm	26mm	26mm
Cable gland	SK - PG7	SK - PG7	SK - PG7
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.25 N*m	0.25 N*m	0.25 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
Circuit type	-	-	Diode(1A)
Led colour	-	-	-
Suitable cable	ø cable 3.5-5.5mm	ø cable 3.5-5.5mm	ø cable 3.5-5.5mm
Central fixing screw	M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.4 N*m	0.4 N*m	0.4 N*m
Packaging			
Qty/Box	100pcs / box	100pcs / box	100pcs / box
Other accessories options			
See accessories section			
Notes:			
	Connector available with different circuits.	Connector available with different circuits.	



			
Product description			
DIN valve connectors	DIN valve connectors	DIN valve connectors	
EN175301-803	EN175301-803	EN175301-803	
C	C	C	
P1T2ZL01-SK P1T2ZL02-SK P1T2ZL03-SK P1T2ZDL1-SK P1T2ZDL2-SK P1T2ZDL3-SK P1T2ZVL2-SK P1T2ZVL3-SK P1T2ZVL1-SK			
Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.	
8mm	8mm	8mm	
2poles + P.E.	2poles + P.E.	2poles + P.E.	
H.6 (turnable)	H.6 (turnable)	H.6 (turnable)	
Transparent	Transparent	Transparent	
26mm	26mm	26mm	
SK - PG7	SK - PG7	SK - PG7	
Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	
Technical data			
Screw contacts	Screw contacts	Screw contacts	
0.25 N*m	0.25 N*m	0.25 N*m	
24V AC/DC	24V DC	24V AC/DC	24V AC/DC
115V AC/DC	115V DC	115V AC/DC	115V AC/DC
230V AC/DC	230V DC	230V AC/DC	230V AC/DC
Bipolar led	Led + Diode(1A)	Bipolar Led + Varistor	
Red	Red	Red	
ø cable 3.5-5.5mm	ø cable 3.5-5.5mm	ø cable 3.5-5.5mm	
M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm	
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	
	0.4 N*m	0.4 N*m	
Packaging			
100pcs / box	100pcs / box	100pcs / box	
Other accessories options			
See accessories section			
Notes:			
Connector available with different led colour	Connector available with different led colour	Connector available with different led colour	

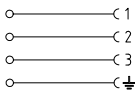
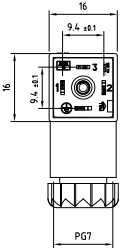
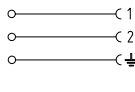
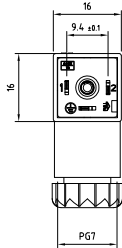

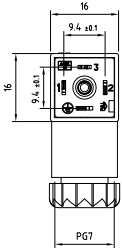
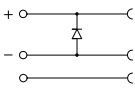
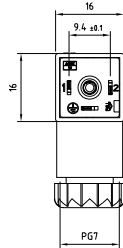
VALVE CONNECTORS

Field attachable connectors - Form C - Industrial



<p>Technical drawing</p>			
<p>Product description</p>			
<p>Connector type</p>	<p>DIN valve connectors</p>	<p>DIN valve connectors</p>	<p>DIN valve connectors</p>
<p>Conforms to</p>	<p>Industrial</p>	<p>Industrial</p>	<p>Industrial</p>
<p>Construction type</p>	<p>C</p>	<p>C</p>	<p>C</p>
<p>Part number</p>	<p>P2NZ2000</p>	<p>P2NZ3000</p>	<p>P2NZ2000-UL</p>
<p>Description</p>	<p>Square micro connector P2 series complete with gasket and fixing screw. Connector without electronic.</p>	<p>Square micro connector P2 series complete with gasket and fixing screw. Connector without electronic.</p>	<p>Square micro connector P2 series, UL approved, complete with gasket and fixing screw. Connector without electronic.</p>
<p>Contacts spacing</p>	<p>9.4mm</p>	<p>9.4mm</p>	<p>9.4mm</p>
<p>Number of contacts</p>	<p>2poles + P.E.</p>	<p>3poles + P.E.</p>	<p>2poles + P.E.</p>
<p>Earth positioning</p>	<p>H.6 (turnable)</p>	<p>H.6 (turnable)</p>	<p>H.6 (turnable)</p>
<p>Housing colour</p>	<p>Black</p>	<p>Black</p>	<p>Black</p>
<p>Housing height</p>	<p>26mm</p>	<p>26mm</p>	<p>26mm</p>
<p>Cable gland</p>	<p>PG7</p>	<p>PG7</p>	<p>PG7</p>
<p>Gasket type</p>	<p>Profiled NBR gasket</p>	<p>Profiled NBR gasket</p>	<p>Profiled NBR gasket</p>
<p>Technical data</p>			
<p>Type of termination</p>	<p>Screw contacts</p>	<p>Screw contacts</p>	<p>Screw contacts</p>
<p>Contact screw torque</p>	<p>0.25 N*m</p>	<p>0.25 N*m</p>	<p>0.25 N*m</p>
<p>Rated voltage</p>	<p>250V AC/ 300VDC</p>	<p>250V AC/ 300VDC</p>	<p>250V AC/ 300VDC</p>
<p>Circuit type</p>	<p>-</p>	<p>-</p>	<p>-</p>
<p>Led colour</p>	<p>-</p>	<p>-</p>	<p>-</p>
<p>Suitable cable</p>	<p>Ø cable 4-6mm</p>	<p>Ø cable 4-6mm</p>	<p>Ø cable 4-6mm</p>
<p>Central fixing screw</p>	<p>M3 L=28mm</p>	<p>M3 L=28mm</p>	<p>M3 L=28mm</p>
<p>Central fixing screw material</p>	<p>Iron+Zinc plated</p>	<p>Iron+Zinc plated</p>	<p>Iron+Zinc plated</p>
<p>Central screw torque</p>	<p>0.5 N*m</p>	<p>0.5 N*m</p>	<p>0.5 N*m</p>
<p>Packaging</p>			
<p>Qty/Box</p>	<p>100pcs / box</p>	<p>100pcs / box</p>	<p>100pcs / box</p>
<p>Other accessories options</p>			
<p>See accessories section</p>			
<p>Notes:</p>			
	<p>Connector with Grey Housing: P/N P2GZ2000</p>	<p>Connector with Grey Housing: P/N P2GZ3000</p>	<p>Connector available with different circuits.</p>



  <p>CULUS</p>	  <p>Ex</p>	  <p>Ex</p>	 
Product description			
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Industrial	Industrial	Industrial	Industrial
C	C	C	C
P2NZ3000-UL	P2NZ2000-ATEX	P2NZ3000-ATEX	P2NZ2D03
Square micro connector P2 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.
9.4mm	9.4mm	9.4mm	9.4mm
3poles + P.E.	2poles + P.E.	3poles + P.E.	2poles + P.E.
H.6 (turnable)	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Black	Black	Black	Black
26mm	26mm	26mm	26mm
PG7	PG7	PG7	PG7
Profiled NBR gasket	Flat Silicone gasket	Flat Silicone gasket	Profiled NBR gasket
Technical data			
Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.25 N*m	0.25 N*m	0.25 N*m	0.25 N*m
250V AC/ 300VDC	230V AC/ 300VDC	230V AC/ 300VDC	1-230V DC
-	-	-	Diode(1A)
-	-	-	-
ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm
M3 L=28mm	M3 L=28mm	M3 L=28mm	M3 L=28mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
Packaging			
100pcs / box	Singly packed in plastic bag	Singly packed in plastic bag	100pcs / box
Other accessories options			
See accessories section			
Notes:			
Connector available with different circuits.			

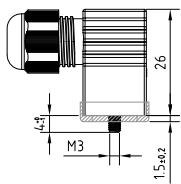
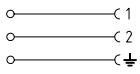
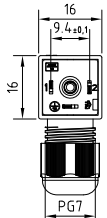
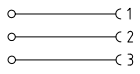
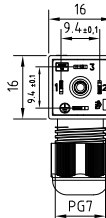
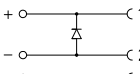
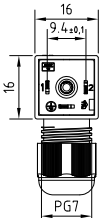
VALVE CONNECTORS

Field attachable connectors - Form C - Industrial



Technical drawing											
Product description											
Connector type			DIN valve connectors			DIN valve connectors			DIN valve connectors		
Conforms to			Industrial			Industrial			Industrial		
Construction type			C			C			C		
Part number			P2TZ2L01	P2TZ2L02	P2TZ2L03	P2TZ2DL1	P2TZ2DL2	P2TZ2DL3	P2TZ2VL1	P2TZ2VL2	P2TZ2VL3
Description			Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.			Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.			Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing			9.4mm			9.4mm			9.4mm		
Number of contacts			2poles + P.E.			2poles + P.E.			2poles + P.E.		
Earth positioning			H.6 (turnable)			H.6 (turnable)			H.6 (turnable)		
Housing colour			Transparent			Transparent			Transparent		
Housing height			26mm			26mm			26mm		
Cable gland			PG7			PG7			PG7		
Gasket type			Profiled NBR gasket			Profiled NBR gasket			Profiled NBR gasket		
Technical data											
Type of termination			Screw contacts			Screw contacts			Screw contacts		
Contact screw torque			0.25 N*m			0.25 N*m			0.25 N*m		
Rated voltage			24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type			Bipolar led			Led + Diode(1A)			Bipolar Led + Varistor		
Led colour			Red			Red			Red		
Suitable cable			ø cable 4-6mm			ø cable 4-6mm			ø cable 4-6mm		
Central fixing screw			M3 L=28mm			M3 L=28mm			M3 L=28mm		
Central fixing screw material			Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated		
Central screw torque			0.5 N*m			0.5 N*m			0.5 N*m		
Packaging											
Qty/Box			100pcs / box			100pcs / box			100pcs / box		
Other accessories options											
See accessories section											
Notes:											
			Connector available with different led colour			Connector available with different led colour			Connector available with different led colour		



Technical drawing 	 	 	 
Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial	Industrial
Construction type	C	C	C
Part number	P2NZ2000-SK	P2NZ3000-SK	P2NZ2D03-SK
Description	Square micro connector P2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	9.4mm	9.4mm	9.4mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Housing colour	Black	Black	Black
Housing height	26mm	26mm	26mm
Cable gland	SK - PG7	SK - PG7	SK - PG7
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.25 N*m	0.25 N*m	0.25 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
Circuit type	-	-	Diode(1A)
Led colour	-	-	-
Suitable cable	Ø cable 3.5-5.5mm	Ø cable 3.5-5.5mm	Ø cable 3.5-5.5mm
Central fixing screw	M3 L=28mm	M3 L=28mm	M3 L=28mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.4 N*m	0.4 N*m	0.4 N*m
Packaging			
Qty/Box	100pcs / box	100pcs / box	100pcs / box
Other accessories options			
See accessories section			
Notes:			
	Connector available with different circuits.	Connector available with different circuits.	

VALVE CONNECTORS

Field attachable connectors - Form C - Industrial



Technical drawing										
Product description										
Connector type		DIN valve connectors			DIN valve connectors			DIN valve connectors		
Conforms to		Industrial			Industrial			Industrial		
Construction type		C			C			C		
Part number		P2TZ2L01-SK P2TZ2L02-SK P2TZ2L03-SK			P2TZ2DL1-SK P2TZ2DL2-SK P2TZ2DL3-SK			P2TZ2VL1-SK P2TZ2VL2-SK P2TZ2VL3-SK		
Description		Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.			Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.			Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing		9.4mm			9.4mm			9.4mm		
Number of contacts		2poles + P.E.			2poles + P.E.			2poles + P.E.		
Earth positioning		H.6 (turnable)			H.6 (turnable)			H.6 (turnable)		
Housing colour		Transparent			Transparent			Transparent		
Housing height		26mm			26mm			26mm		
Cable gland		SK - PG7			SK - PG7			SK - PG7		
Gasket type		Profiled NBR gasket			Profiled NBR gasket			Profiled NBR gasket		
Technical data										
Type of termination		Screw contacts			Screw contacts			Screw contacts		
		0.25 N*m			0.25 N*m			0.25 N*m		
Rated voltage		24V AC/DC		115V AC/DC	24V DC		115V DC	230V DC		
Circuit type		Bipolar led			Led + Diode(1A)			Bipolar Led + Varistor		
Led colour		Red			Red			Red		
Suitable cable		ø cable 3.5-5.5mm			ø cable 3.5-5.5mm			ø cable 3.5-5.5mm		
Central fixing screw		M3 L=28mm			M3 L=28mm			M3 L=28mm		
Central fixing screw material		Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated		
Central screw torque		0.4 N*m			0.4 N*m			0.4 N*m		
Packaging										
Qty/Box		100pcs / box			100pcs / box			100pcs / box		
Other accessories options										
See accessories section										
Notes:										
		Connector available with different led colour			Connector available with different led colour			Connector available with different led colour		

GENERAL FEATURES:

Conductor cross section :
0.34(22AWG) ... 1.50mm²(16AWG).

Fixing system :
Central fixing screw.

Max. screw torque IEC60947-1
(Central fixing screw) :
CG1-CM1-CM2-CP2 series: Max. 0.5 N * m.
CP1 series: Max. 0.4 N * m.

Type of terminations :
To solder.

Contact material and treatment :
Brass + Silver plated.

Housing material :
Polypropylene.

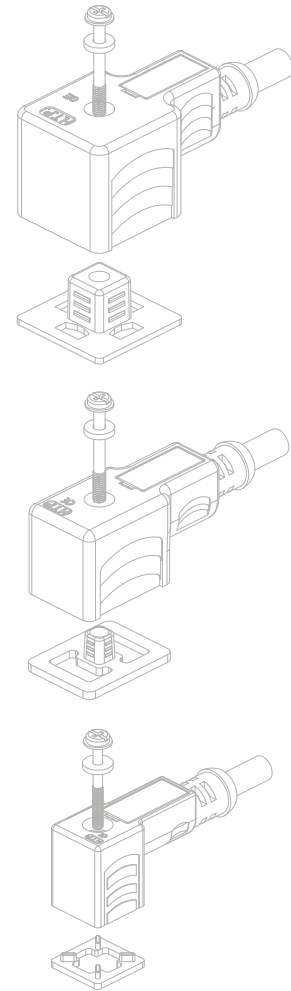
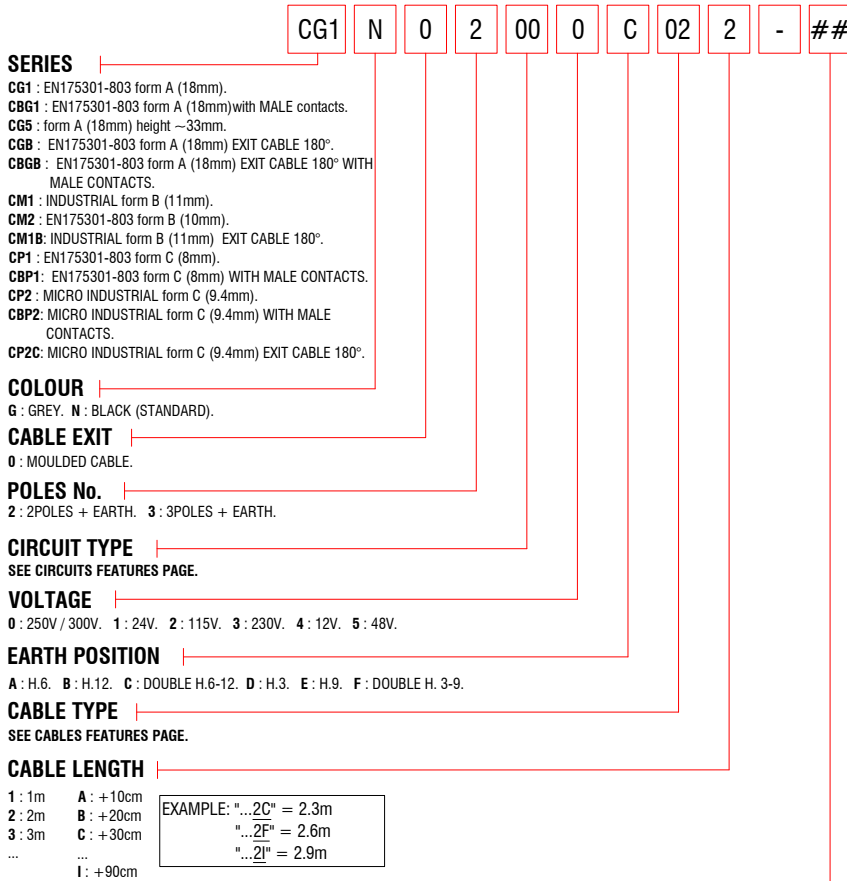
Internal core material :
PA66.

Flammability resistance :
UL94-V2 - Standard
UL94-V0 - UL approved

Protection class :
IP67.

Operating temperature :
-25°C +90°C (connector).
-25°C +120°C (UL approved connector).
(NBR gasket -40°C +90°C).
(Silicone gasket -40°C +125°C).

Nominal current :
CG1-CG5-CM1-CM2 series: 10A.
CP1-CP2 series: 3A.

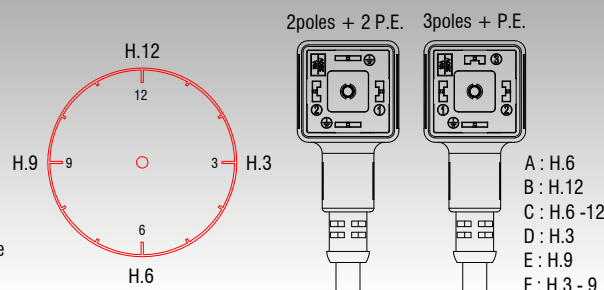


SOME VARIABLES

L : PROFILED GASKET. SS : STAINLESS STEEL SCREW. Y : WITHOUT H.T.P.LOGO. UL : ULapproved (CG1/CG5 connectors - WITHOUT ELECTRONIC)
4D : BRIDGE RECTIFIER WITH 4 DIODES. 3A : ELECTRONIC COMPONENTS 3A.
12MA3 : EXTENSION M12 MALE 90° 3p. 12MD3 : EXTENSION M12 MALE 180° 3p.
12FA3 : EXTENSION M12 FEMALE 90° 3p. 12FD3 : EXTENSION M12 FEMALE 180° 3p.

EARTH PIN POSITION

Earth pin position for the DIN43650 valve connectors with moulded cable has to be specified because its internal core is fixed.
The internal core cannot rotate as in the field attachable connectors.
To define the earth pin position it is necessary to look at the face view of the connector with the cable exit side down.
To easily identify the earth pin position you can compare the face view of the connector to a clock face view.



STANDARD CONNECTION:

2 P. + 2 P.E.:

- 1 : BROWN ●
- 2 : BLUE ●
- P.E. : YELLOW-GREEN ●

3 P. + P.E.:

- 1 : BROWN ●
- 2 : BLUE ●
- 3 : BLACK ●
- P.E. : YELLOW-GREEN ●

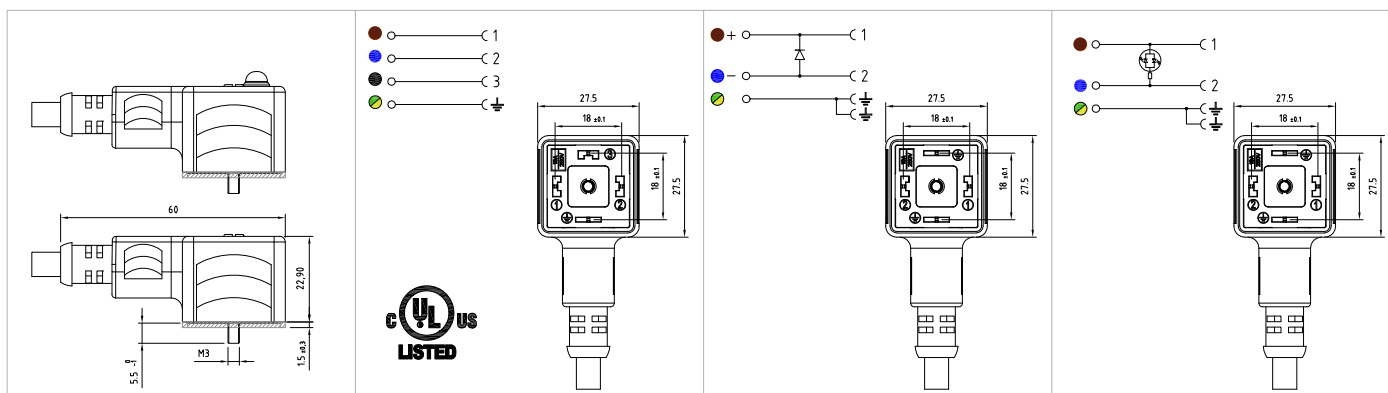
VALVE CONNECTORS

Moulded cable connectors - Form A
EN175301-803(DIN43650)



Technical drawing

Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	CG1N02000C021	CG1N03000AB21	CG1N02000C161-UL
Description	Square connector CG1 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-	-
Led colour	-	-	-
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC ULstyle21179
Cable jacket colour	Black	Black	Black
No. Conductors / Section	3G0.75mm ²	4G0.75mm ²	3G18AWG
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	ø6.2mm (±0.3)
Cable length	1m	1m	1m
Packaging			
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
Other accessories options			
See accessories section			
Notes:			
Connector available with different features: See the cable codification scheme page See the cables list section			



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	CG1N03000A181-UL	CG1N02D03C021	CG1N02L01C021 CG1N02L02C021 CG1N02L03C021
Description	Square connector CG1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	18mm	18mm	18mm
Number of contacts	3poles + P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	1-230V DC	24V AC/ DC	115V AC/DC	230V AC/DC
Circuit type	-	Diode(1A)	Bipolar Led		
Led colour	-	-	Red		
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm		
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated		
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m		
Cable type	PVC/PVC ULstyle21179	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF		
Cable jacket colour	Black	Black	Black		
No. Conductors / Section	4G18AWG	3G0.75mm ²	3G0.75mm ²		
Conductor colours	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green		
Cable diameter	ø6.5mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)		
Cable length	1m	1m	1m		

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.	
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Other accessories options

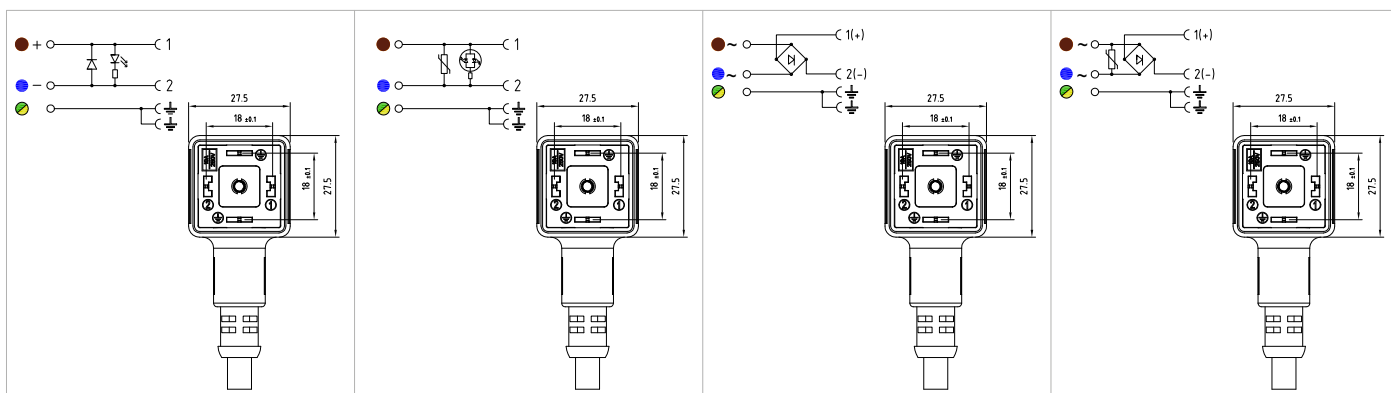
See accessories section

Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS

Moulded cable connectors - Form A
EN175301-803(DIN43650)



Product description					
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors		
EN175301-803	EN175301-803	EN175301-803	EN175301-803		
A	A	A	A		
CG1N02DL1C021 CG1N02DL2C021 CG1N02DL3C021	CG1N02VL1C021 CG1N02VL2C021 CG1N02VL3C021	CG1N02R03C021	CG1N02RV1C021 CG1N02RV2C021 CG1N02RV3C021		
Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.		
18mm	18mm	18mm	18mm		
2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.		
H.6-12	H.6-12	H.6-12	H.6-12		
Black	Black	Black	Black		
22.9mm	22.9mm	22.9mm	22.9mm		
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket		
Technical data					
24V DC	115V DC	230V DC	24V AC	115V AC	230V AC
Led + Diode(1A)	Bipolar Led + Varistor		Full-Wave Bridge Rectifier		Full-Wave Bridge Rectifier + Varistor
Red	Red		-		-
M3 L=25mm	M3 L=25mm		M3 L=25mm		M3 L=25mm
Iron+Zinc plated	Iron+Zinc plated		Iron+Zinc plated		Iron+Zinc plated
0.5 N*m	0.5 N*m		0.5 N*m		0.5 N*m
PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF		PVC/PVC IEC332-1 H05VVF		PVC/PVC IEC332-1 H05VVF
Black	Black		Black		Black
3G0.75mm ²	3G0.75mm ²		3G0.75mm ²		3G0.75mm ²
Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green		Brown; Blue; Yellow-Green		Brown; Blue; Yellow-Green
ø6.7mm (±0.3)	ø6.7mm (±0.3)		ø6.7mm (±0.3)		ø6.7mm (±0.3)
1m	1m		1m		1m
Packaging					
Variable according cable length.	Variable according cable length.		Variable according cable length.		Variable according cable length.
Other accessories options					
See accessories section					
Notes:					
Connector available with different features: See the cable codification scheme page See the cables list section					



Product description						
Connector type	DIN valve connectors		DIN valve connectors			
Conforms to	EN175301-803		EN175301-803			
Construction type	A		A			
Part number	CG1N02RL1C021 CG1N02RL2C021 CG1N02RL3C021		CG1N03Q01AB21 CG1N03Q01AB21 CG1N03Q01AB21			
Description	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.		Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.			
Contacts spacing	18mm		18mm			
Number of contacts	2poles + 2P.E.		3poles + P.E.			
Earth positioning	H.6-12		H.6			
Housing colour	Black		Black			
Housing height	22.9mm		22.9mm			
Gasket type	Integrated NBR gasket		Integrated NBR gasket			
Technical data						
Rated voltage	24V AC	115V AC	230V AC	24V DC	115V DC	230V DC
Circuit type	Full-Wave Bridge Rectifier + Varistor + Led			Bicolour Led + no.2 Diodes (1A)		
Led colour	Red			Red (pin 2) ; Green (pin3)		
Central fixing screw	M3 L=25mm			M3 L=25mm		
Central fixing screw material	Iron+Zinc plated			Iron+Zinc plated		
Central screw torque	0.5 N*m			0.5 N*m		
Cable type	PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF		
Cable jacket colour	Black			Black		
No. Conductors / Section	3G0.75mm ²			4G0.75mm ²		
Conductor colours	Brown; Blue; Yellow-Green			Brown; Blue; Black; Yellow-Green		
Cable diameter	ø6.7mm (±0.3)			ø7mm (±0.3)		
Cable length	1m			1m		
Packaging						
Qty/Box	Variable according cable length.		Variable according cable length.			
Other accessories options						
See accessories section						
Notes: Connector available with different feautres: See the cable codification scheme page See the cables list section						
		Connector available with different led connection: Q8 circuit (Green pin 2; Red pin 3) Q1 circuit (Yellow pin 2; Green pin 3)				

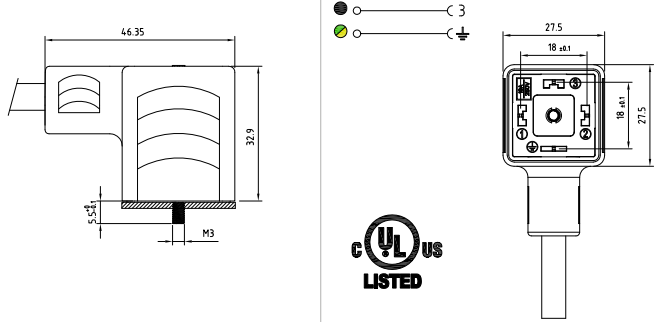

VALVE CONNECTORS

Moulded cable connectors - Form A
EN175301-803(DIN43650)



Technical drawing							
Product description							
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A	A	A	A	A
Part number	CG5N02000C021	CG5N03000AB21	CG5N03000AB21	CG5N03000AB21	CG5N02000C161	CG5N02000C161	CG5N02000C161
Description	Square connector CG5 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG5 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG5 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG5 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG5 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector CG5 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector CG5 series, UL approved, complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm	18mm	18mm	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	3poles + 2P.E.	3poles + 2P.E.	3poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6	H.6	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black	Black	Black	Black	Black
Housing height	32.9mm	32.9mm	32.9mm	32.9mm	32.9mm	32.9mm	32.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Technical data							
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-	-	-	-	-	-
Led colour	-	-	-	-	-	-	-
Central fixing screw	M3 L=35mm	M3 L=35mm	M3 L=35mm	M3 L=35mm	M3 L=35mm	M3 L=35mm	M3 L=35mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC ULstyle21179	PVC/PVC ULstyle21179	PVC/PVC ULstyle21179
Cable jacket colour	Black	Black	Black	Black	Black	Black	Black
No. Conductors / Section	3G0.75mm ²	4G0.75mm ²	4G0.75mm ²	4G0.75mm ²	3G16AWG	3G16AWG	3G16AWG
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	ø7mm (±0.3)	ø7mm (±0.3)	ø6.2mm (±0.3)	ø6.2mm (±0.3)	ø6.2mm (±0.3)
Cable length	1m	1m	1m	1m	1m	1m	1m
Packaging							
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.
Other accessories options							
See accessories section							
Notes:							
Connector available with different features: See the cable codification scheme page See the cables list section							



<p>Technical drawing</p>  <p>● C 1 ● C 2 ● C 3 ● PE</p> 			
Product description			
Connector type	DIN valve connectors		
Conforms to	EN175301-803		
Construction type	A		
Part number	CG5N03000A181-UL		
Description	Square connector CG5 series, UL approved, complete with gasket and fixing screw. Connector without electronic.		
Contacts spacing	18mm		
Number of contacts	3poles + P.E.		
Earth positioning	H.6		
Housing colour	Black		
Housing height	32.9mm		
Gasket type	Integrated NBR gasket		
Technical data			
Rated voltage	250V AC/ 300VDC		
Circuit type	-		
Led colour	-		
Central fixing screw	M3 L=35mm		
Central fixing screw material	Iron+Zinc plated		
Central screw torque	0.5 N*m		
Cable type	PVC/PVC ULstyle21179		
Cable jacket colour	Black		
No. Conductors / Section	4G16AWG		
Conductor colours	Brown; Blue; Black; Yellow-Green		
Cable diameter	ø6.5mm (±0.3)		
Cable length	1m		
Packaging			
Qty/Box	Variable according cable length.		
Other accessories options			
See accessories section			
Notes:			
Connector available with different features: See the cable codification scheme page See the cables list section			

VALVE CONNECTORS

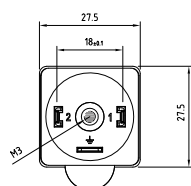
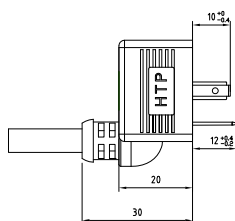
Moulded cable connectors - Form A
EN175301-803(DIN43650)



Technical drawing					
Product description					
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors		
Conforms to	EN175301-803	EN175301-803	EN175301-803		
Construction type	A	A	A		
Part number	CBG1N02000A021	CBG1N03000AB21	CBG1N02VL1C021 CBG1N02VL2C021 CBG1N02VL3C021		
Description	Square connector CBG1 series with male contacts. Connector without electronic.	Square connector CBG1 series with male contacts. Connector without electronic.	Square connector CBG1 series with male contacts. Connector with electronic.		
Contacts spacing	18mm	18mm	18mm		
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.		
Earth positioning	H.6	H.6	H.6		
Housing colour	Black	Black	Black		
Housing height	22.9mm	22.9mm	22.9mm		
Gasket type	-	-	-		
Technical data					
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	24V AC/ DC	115V AC/DC	230V AC/DC
Circuit type	-	-	Bipolar Led + Varistor		
Led colour	-	-	Red		
Central fixing nut	M3x0.5 Closed	M3x0.5 Closed	M3x0.5 Closed		
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated		
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m		
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF		
Cable jacket colour	Black	Black	Black		
No. Conductors / Section	3G0.75mm ²	4G0.75mm ²	3G0.75mm ²		
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green		
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	ø6.7mm (±0.3)		
Cable length	1m	1m	1m		
Packaging					
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.		
Other accessories options					
See accessories section					
Notes:					
Connector available with different features: See the cable codification scheme page See the cables list section					



Technical drawing



Product description

Connector type	DIN valve connectors
Conforms to	EN175301-803
Construction type	A
Part number	CBGBN02000A021
Description	Square connector CBGB1 (TOP EXIT) series with male contacts. Connector without electronic.
Contacts spacing	18mm
Number of contacts	2poles + P.E.
Earth positioning	H.6
Housing colour	Black
Housing height	20mm
Gasket type	-

Technical data

Rated voltage	250V AC/ 300VDC
Circuit type	-
Led colour	-
Central fixing nut	M3x0.5
Central fixing screw material	Iron+Zinc plated
Central screw torque	0.5 N*m
Cable type	PVC/PVC IEC332-1 H05VVF
Cable jacket colour	Black
No. Conductors / Section	3G0.75mm ²
Conductor colours	Brown; Blue; Yellow-Green
Cable diameter	ø6.7mm (±0.3)
Cable length	1m

Packaging

Qty/Box	Variable according cable length.
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Other accessories options

See accessories section

Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

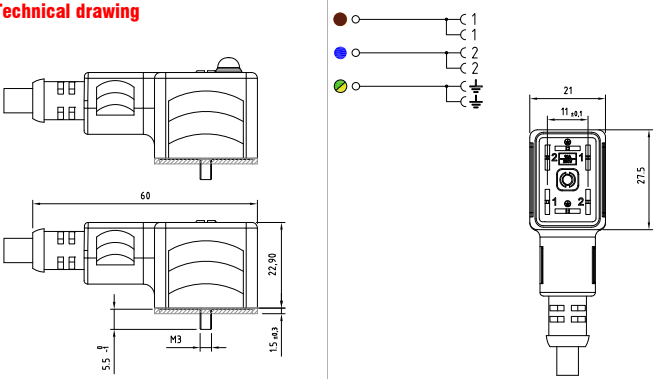
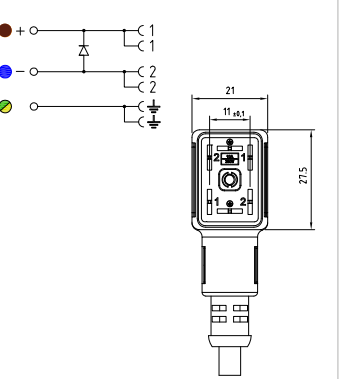
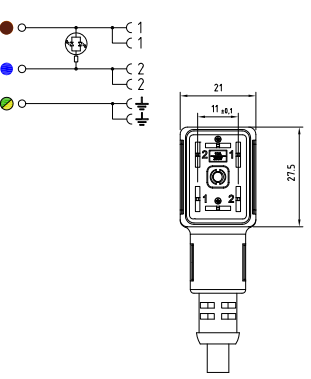
VALVE CONNECTORS

Moulded cable connectors - Form A
EN175301-803(DIN43650)



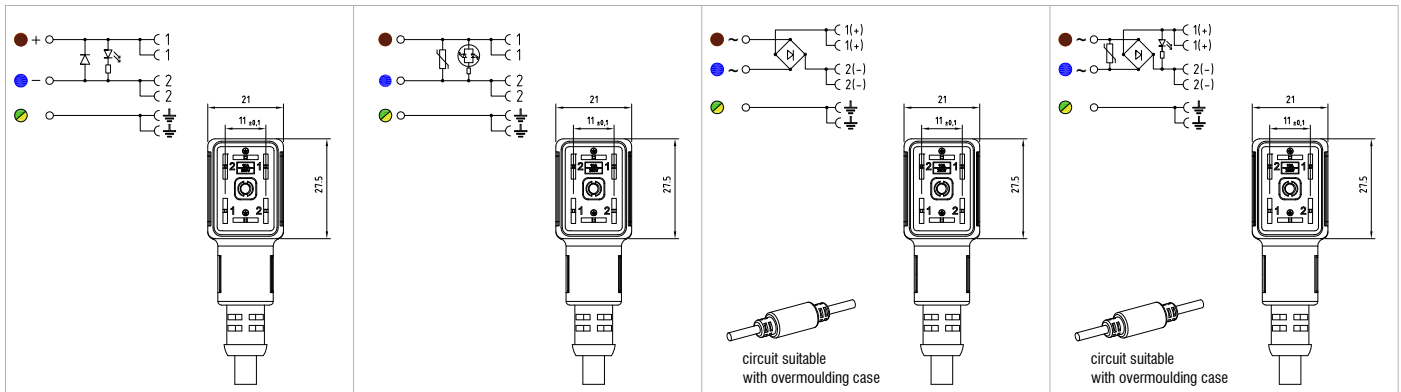
Technical drawing				
Product description				
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors	
Conforms to	EN175301-803	EN175301-803	EN175301-803	
Construction type	A	A	A	
Part number	CGBN02000C021	CGBN03000AB21	CGBN02VL1C021 CGBN02VL2C021 CGBN02VL3C021	
Description	Square connector CGB series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Square connector CGB series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Square connector CGB series (TOP exit DIN connector) complete with gasket and fixing screw. Connector with electronic.	
Contacts spacing	18mm	18mm	18mm	
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.	
Earth positioning	H.6-12	H.6	H.6-12	
Housing colour	Black	Black	Black	
Housing height	20mm	20mm	20mm	
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	
Technical data				
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	24V AC/ DC	115V AC/DC 230V AC/DC
Circuit type	-	-	Bipolar Led + Varistor	
Led colour	-	-	Red	
Central fixing screw	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	
Cable jacket colour	Black	Black	Black	
No. Conductors / Section	3G0.75mm ²	4G0.75mm ²	3G0.75mm ²	
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green	
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	ø6.7mm (±0.3)	
Cable length	1m	1m	1m	
Packaging				
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.	
Other accessories options				
See accessories section				
Notes:				
Connector available with different features: See the cable codification scheme page See the cables list section				



Technical drawing							
Product description							
Connector type	DIN valve connectors		DIN valve connectors		DIN valve connectors		
Conforms to	Industrial		Industrial		Industrial		
Construction type	B		B		B		
Part number	CM1N02000C021		CM1N02D03C021		CM1N02L01C021 CM1N02L02C021 CM1N02L03C021		
Description	Rectangular connector CM1 series complete with gasket and fixing screw. Connector without electronic.		Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.		Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	11mm		11mm		11mm		
Number of contacts	2poles + 2P.E.		2poles + 2P.E.		2poles + 2P.E.		
Earth positioning	H.6-12		H.6-12		H.6-12		
Housing colour	Black		Black		Black		
Housing height	22.9mm		22.9mm		22.9mm		
Gasket type	Integrated NBR gasket		Integrated NBR gasket		Integrated NBR gasket		
Technical data							
Rated voltage	250V AC/ 300VDC		1-230V DC		24V AC/ DC	115V AC/DC	230V AC/DC
Circuit type	-		Diode(1A)		Bipolar Led		
Led colour	-		-		Red		
Central fixing screw	M3 L=25mm		M3 L=25mm		M3 L=25mm		
Central fixing screw material	Iron+Zinc plated		Iron+Zinc plated		Iron+Zinc plated		
Central screw torque	0.5 N*m		0.5 N*m		0.5 N*m		
Cable type	PVC/PVC IEC332-1 H05VVF		PVC/PVC IEC332-1 H05VVF		PVC/PVC IEC332-1 H05VVF		
Cable jacket colour	Black		Black		Black		
No. Conductors / Section	3G0.75mm ²		3G0.75mm ²		3G0.75mm ²		
Conductor colours	Brown; Blue; Yellow-Green		Brown; Blue; Yellow-Green		Brown; Blue; Yellow-Green		
Cable diameter	ø6.7mm (±0.3)		ø6.7mm (±0.3)		ø6.7mm (±0.3)		
Cable length	1m		1m		1m		
Packaging							
Qty/Box	Variable according cable length.		Variable according cable length.		Variable according cable length.		
Other accessories options							
See accessories section							
Notes:							
Connector available with different feautres: See the cable codification scheme page See the cables list section							

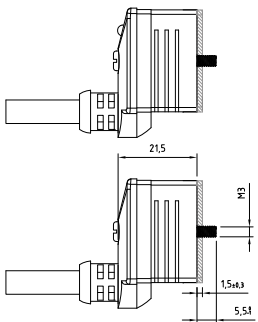
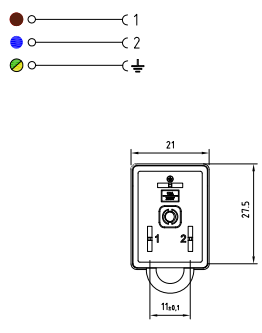
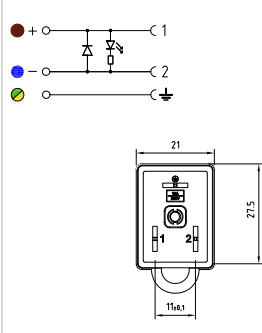
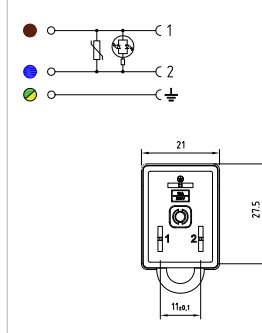
VALVE CONNECTORS

Moulded cable connectors - Form B - Industrial



Product description			
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Industrial	Industrial	Industrial	Industrial
B	B	B	B
CM1N02DL1C021 CM1N02DL2C021 CM1N02DL3C021	CM1N02VL1C021 CM1N02VL2C021 CM1N02VL3C021	CM1N02R03C021	CM1N02RL1C021 CM1N02RL2C021 CM1N02RL3C021
Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.
11mm	11mm	11mm	11mm
2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
H.6-12	H.6-12	H.6-12	H.6-12
Black	Black	Black	Black
22.9mm	22.9mm	22.9mm	22.9mm
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Technical data			
24V DC	115V DC	230V DC	24V AC / DC
Led + Diode(1A)	Bipolar Led + Varistor	Full-Wave Bridge Rectifier	Full-Wave Bridge Rectifier + Varistor + Led
Red	Red	-	Red
M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF
Black	Black	Black	Black
3G0.75mm ²	3G0.75mm ²	3G0.75mm ²	3G0.75mm ²
Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green
ø6.7mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)
1m	1m	1m	1m
Packaging			
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
Other accessories options			
See accessories section			
Notes:			
Connector available with different feautres: See the cable codification scheme page See the cables list section			



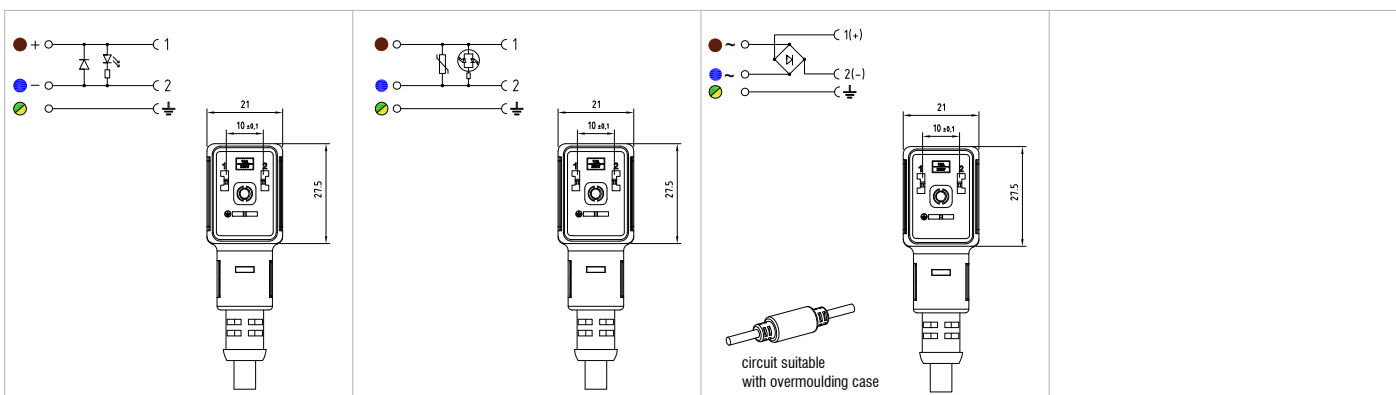
Technical drawing								
								
Product description								
Connector type	DIN valve connectors		DIN valve connectors		DIN valve connectors			
Conforms to	Industrial		Industrial		Industrial			
Construction type	B		B		B			
Part number	CM1BN02000B021		CM1BN02DL1B021	CM1BN02DL2B021	CM1BN02DL3B021	CM1BN02VL1B021	CM1BN02VL2B021	CM1BN02VL3B021
Description	Rectangular connector CM1B series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.		Rectangular connector CM1B series (TOP exit DIN connector) complete with gasket and fixing screw. Connector with electronic.		Rectangular connector CM1B series (TOP exit DIN connector) complete with gasket and fixing screw. Connector with electronic.			
Contacts spacing	11mm		11mm		11mm			
Number of contacts	2poles + P.E.		2poles + P.E.		2poles + P.E.			
Earth positioning	H.12		H.12		H.12			
Housing colour	Black		Black		Black			
Housing height	21.5mm		21.5mm		21.5mm			
Gasket type	Integrated NBR gasket		Integrated NBR gasket		Integrated NBR gasket			
Technical data								
Rated voltage	250V AC/ 300VDC		24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC
Circuit type	-		Led + Diode(1A)		Bipolar Led + Varistor			
Led colour	-		Red		Red			
Central fixing screw	M3 L=26mm		M3 L=26mm		M3 L=26mm			
Central fixing screw material	Iron+Zinc plated		Iron+Zinc plated		Iron+Zinc plated			
Central screw torque	0.5 N*m		0.5 N*m		0.5 N*m			
Cable type	PVC/PVC IEC332-1 H05VVF		PVC/PVC IEC332-1 H05VVF		PVC/PVC IEC332-1 H05VVF			
Cable jacket colour	Black		Black		Black			
No. Conductors / Section	3G0.75mm ²		3G0.75mm ²		3G0.75mm ²			
Conductor colours	Brown; Blue; Yellow-Green		Brown; Blue; Yellow-Green		Brown; Blue; Yellow-Green			
Cable diameter	ø6.7mm (±0.3)		ø6.7mm (±0.3)		ø6.7mm (±0.3)			
Cable length	1m		1m		1m			
Packaging								
Qty/Box	Variable according cable length.		Variable according cable length.		Variable according cable length.			
Other accessories options								
See accessories section								
Notes:								
Connector available with different features: See the cable codification scheme page See the cables list section								

VALVE CONNECTORS

Moulded cable connectors - Form B
EN175301-803(DIN43650)



Technical drawing							
Product description							
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	B	B	B	B	B	B	B
Part number	CM2N02000A021	CM2N02D03A021	CM2N02L01A021	CM2N02L02A021	CM2N02L03A021	CM2N02L04A021	CM2N02L05A021
Description	Rectangular connector CM2 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	10mm	10mm	10mm	10mm	10mm	10mm	10mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.6	H.6	H.6	H.6	H.6	H.6	H.6
Housing colour	Black	Black	Black	Black	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm	22.9mm	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Technical data							
Rated voltage	250V AC/ 300VDC	1-230V DC	1-230V DC	24V AC/ DC	115V AC/DC	230V AC/DC	230V AC/DC
Circuit type	-	Diode(1A)	Diode(1A)	Bipolar Led	Bipolar Led	Bipolar Led	Bipolar Led
Led colour	-	-	-	Red	Red	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF
Cable jacket colour	Black	Black	Black	Black	Black	Black	Black
No. Conductors / Section	3G0.75mm ²	3G0.75mm ²	3G0.75mm ²	3G0.75mm ²	3G0.75mm ²	3G0.75mm ²	3G0.75mm ²
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø6.7mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)
Cable length	1m	1m	1m	1m	1m	1m	1m
Packaging							
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.
Other accessories options							
See accessories section							
Notes:							
Connector available with different features: See the cable codification scheme page See the cables list section							



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803
B	B	B
CM2N02DL1A021 CM2N02DL2A021 CM2N02DL3A021	CM2N02VL1A021 CM2N02VL2A021 CM2N02VL3A021	CM2N02R03A021
Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.
10mm	10mm	10mm
2poles + P.E.	2poles + P.E.	2poles + P.E.
H.6	H.6	H.6
Black	Black	Black
22.9mm	22.9mm	22.9mm
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC	1-230V AC
Led + Diode(1A)			Bipolar Led + Varistor			Full-Wave Bridge Rectifier
Red			Red			-
M3 L=25mm			M3 L=25mm			M3 L=25mm
Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated
0.5 N*m			0.5 N*m			0.5 N*m
PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF
Black			Black			Black
3G0.75mm ²			3G0.75mm ²			3G0.75mm ²
Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green
ø6.7mm (±0.3)			ø6.7mm (±0.3)			ø6.7mm (±0.3)
1m			1m			1m

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.
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Other accessories options

See accessories section

Notes:

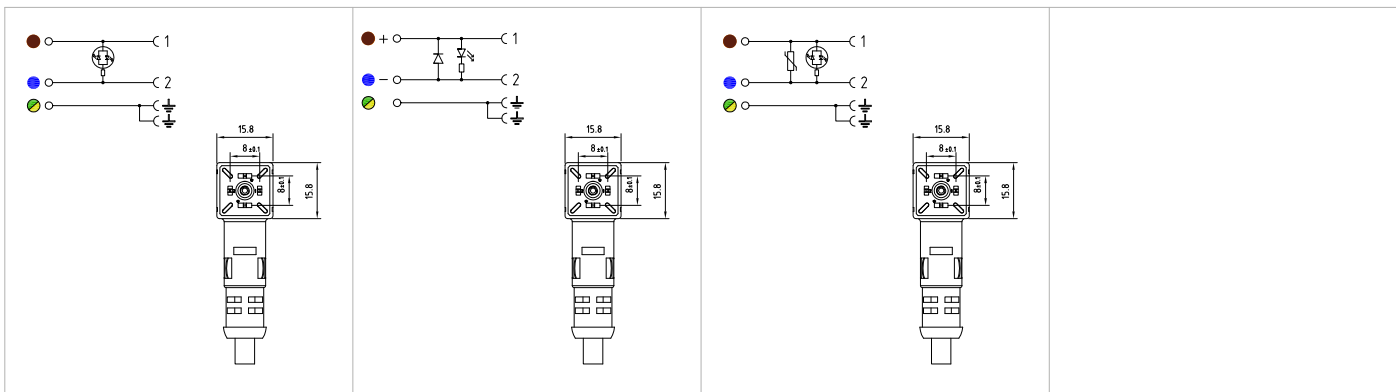
Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS

Moulded cable connectors - Form C
EN175301-803(DIN43650)



Technical drawing							
Product description							
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C	C	C	C	C
Part number	CP1N02000C011	CP1N03000AB11	CP1N03000AB11	CP1N03000AB11	CP1N02D03C011	CP1N02D03C011	CP1N02D03C011
Description	Square micro connector CP1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	8mm	8mm	8mm	8mm	8mm	8mm	8mm
Number of contacts	2poles + 2P.E.	3poles + P.E.	3poles + P.E.	3poles + P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6	H.6	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black	Black	Black	Black	Black
Housing height	21mm	21mm	21mm	21mm	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Technical data							
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC	1-230V DC	1-230V DC
Circuit type	-	-	-	-	-	-	-
Led colour	-	-	-	-	-	-	-
Central fixing screw	M2.5 L=22.5mm	M2.5 L=22.5mm	M2.5 L=22.5mm	M2.5 L=22.5mm	M2.5 L=22.5mm	M2.5 L=22.5mm	M2.5 L=22.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.4 N*m	0.4 N*m	0.4 N*m	0.4 N*m	0.4 N*m	0.4 N*m	0.4 N*m
Cable type	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF
Cable jacket colour	Black	Black	Black	Black	Black	Black	Black
No. Conductors / Section	3G0.5mm ²	4G0.5mm ²	4G0.5mm ²	4G0.5mm ²	3G0.5mm ²	3G0.5mm ²	3G0.5mm ²
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø5mm (±0.3)	ø6mm (±0.3)	ø6mm (±0.3)	ø6mm (±0.3)	ø5mm (±0.3)	ø5mm (±0.3)	ø5mm (±0.3)
Cable length	1m	1m	1m	1m	1m	1m	1m
Packaging							
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.
Other accessories options							
See accessories section							
Notes:							
Connector available with different features: See the cable codification scheme page See the cables list section							



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803
C	C	C
CP1N02L01C011 CP1N02L02C011 CP1N02L03C011	CP1N02DL1C011 CP1N02DL2C011 CP1N02DL3C011	CP1N02VL1C011 CP1N02VL2C011 CP1N02VL3C011
Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.
8mm	8mm	8mm
2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
H.6-12	H.6-12	H.6-12
Black	Black	Black
21mm	21mm	21mm
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

24V AC/ DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC
Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor		
Red			Red			Red		
M2.5 L=22.5mm			M2.5 L=22.5mm			M2.5 L=22.5mm		
Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated		
0.4 N/m			0.4 N/m			0.4 N/m		
PVC/PVC IEC332-1 H03VVF			PVC/PVC IEC332-1 H03VVF			PVC/PVC IEC332-1 H03VVF		
Black			Black			Black		
3G0.5mm ²			3G0.5mm ²			3G0.5mm ²		
Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green		
ø5mm (±0.3)			ø5mm (±0.3)			ø5mm (±0.3)		
1m			1m			1m		

Packaging

Variable according cable length.	Variable according cable length.	Variable according cable length.
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Other accessories options

See accessories section

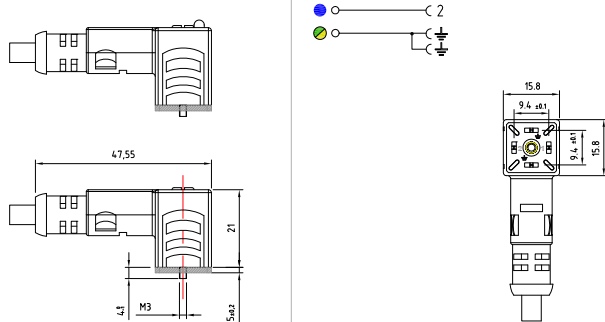
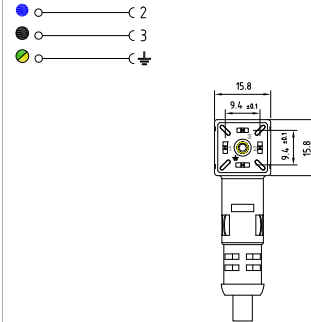
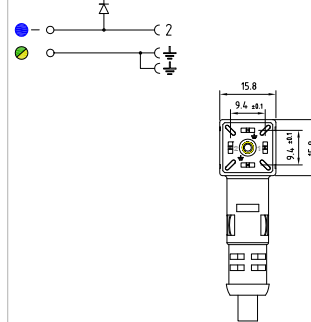
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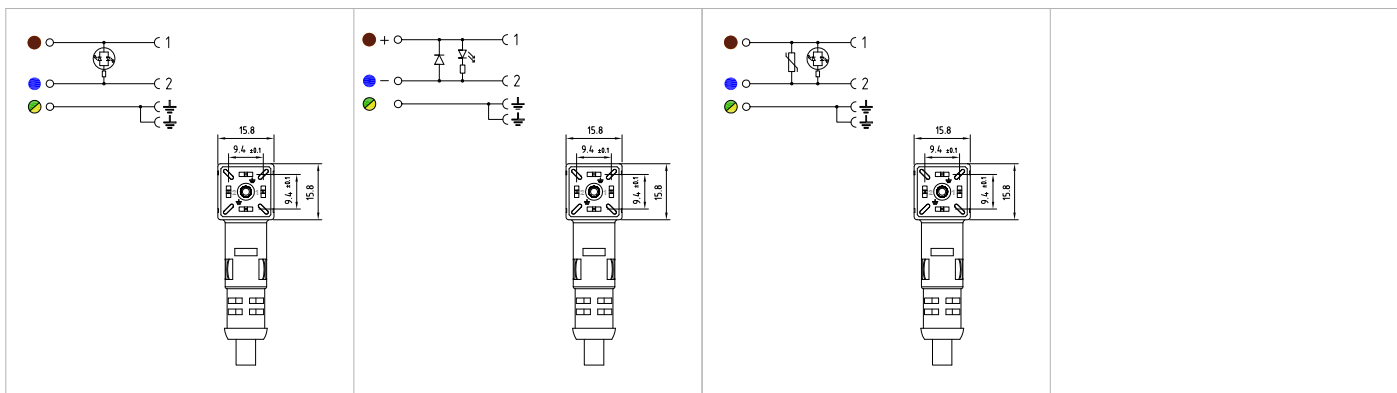
Connector available with different feautres:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS

Moulded cable connectors - Form C - Industrial



Technical drawing							
Product description							
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial	Industrial	Industrial	Industrial	Industrial	Industrial
Construction type	C	C	C	C	C	C	C
Part number	CP2N02000C011	CP2N03000AB11	CP2N03000AB11	CP2N03000AB11	CP2N02D03C011	CP2N02D03C011	CP2N02D03C011
Description	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	9.4mm	9.4mm	9.4mm	9.4mm	9.4mm	9.4mm	9.4mm
Number of contacts	2poles + 2P.E.	3poles + P.E.	3poles + P.E.	3poles + P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6	H.6	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black	Black	Black	Black	Black
Housing height	21mm	21mm	21mm	21mm	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Technical data							
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC	1-230V DC	1-230V DC
Circuit type	-	-	-	-	-	-	-
Led colour	-	-	-	-	-	-	-
Central fixing screw	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
Cable type	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF
Cable jacket colour	Black	Black	Black	Black	Black	Black	Black
No. Conductors / Section	3G0.5mm ²	4G0.5mm ²	4G0.5mm ²	4G0.5mm ²	3G0.5mm ²	3G0.5mm ²	3G0.5mm ²
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø5mm (±0.3)	ø6mm (±0.3)	ø6mm (±0.3)	ø6mm (±0.3)	ø5mm (±0.3)	ø5mm (±0.3)	ø5mm (±0.3)
Cable length	1m	1m	1m	1m	1m	1m	1m
Packaging							
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.
Other accessories options							
See accessories section							
Notes:							
Connector available with different features: See the cable codification scheme page See the cables list section							



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	
Industrial	Industrial	Industrial	
C	C	C	
CP2N02L01C011 CP2N02L02C011 CP2N02L03C011	CP1N02DL1C011 CP1N02DL2C011 CP1N02DL3C011	CP2N02VL1C011 CP2N02VL2C011 CP2N02VL3C011	
Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	
9.4mm	9.4mm	9.4mm	
2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	
H.6-12	H.6-12	H.6-12	
Black	Black	Black	
21mm	21mm	21mm	
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	

Technical data

24V AC/ DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC
Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor		
Red			Red			Red		
M3 L=22.5mm			M3 L=22.5mm			M3 L=22.5mm		
Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated		
0.5 N*m			0.5 N*m			0.5 N*m		
PVC/PVC IEC332-1 H03VVF			PVC/PVC IEC332-1 H03VVF			PVC/PVC IEC332-1 H03VVF		
Black			Black			Black		
3G0.5mm ²			3G0.5mm ²			3G0.5mm ²		
Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green		
ø5mm (±0.3)			ø5mm (±0.3)			ø5mm (±0.3)		
1m			1m			1m		

Packaging

Variable according cable length.	Variable according cable length.	Variable according cable length.
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Other accessories options

See accessories section

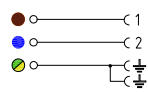
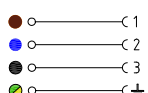
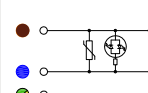
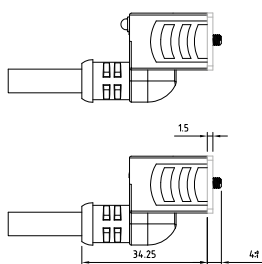
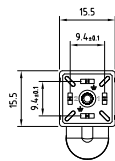
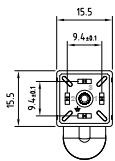
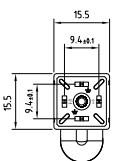
Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS

Moulded cable connectors - Form C - Industrial



Technical drawing					
					
Product description					
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors		
Conforms to	Industrial	Industrial	Industrial		
Construction type	C	C	C		
Part number	CP2CN02000C011	CP2CN03000AB11	CP2CN02VL1C011 CP2CN02VL2C011 CP2CN02VL3C011		
Description	Square micro connector CP2C series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2C series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2C series (TOP exit DIN connector) complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	9.4mm	9.4mm	9.4mm		
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.		
Earth positioning	H.6-12	H.6	H.6-12		
Housing colour	Black	Black	Black		
Housing height	21mm	21mm	21mm		
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket		
Technical data					
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	24V AC/ DC	115V AC/DC	230V AC/DC
Circuit type	-	-	Bipolar Led + Varistor		
Led colour	-	-	Red		
Central fixing screw	M3 L=21.5mm	M3 L=21.5mm	M3 L=21.5mm		
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated		
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m		
Cable type	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF		
Cable jacket colour	Black	Black	Black		
No. Conductors / Section	3G0.5mm ²	4G0.5mm ²	3G0.5mm ²		
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green		
Cable diameter	ø5mm (±0.3)	ø6mm (±0.3)	ø5mm (±0.3)		
Cable length	1m	1m	1m		
Packaging					
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.		
Other accessories options					
See accessories section					
Notes:					
Connector available with different features: See the cable codification scheme page See the cables list section					

GENERAL FEATURES:

Conductor cross section :

BG series: Max. 1.00mm²(19AWG).
BM series: Max. 1.00mm²(19AWG).
BP series: Max. 0.75mm² (18AWG).

Fixing system :

Central fixing screw.

Max- screw torque IEC60947-1

(Central fixing nut) :
BG series - BM1series - BP2 series: Max. 0.5 N * m.
BP1 series: Max. 0.4 N * m.

Type of terminations :

To Solder.

Contact material and treatment :

Brass + Silver plated.

Base material :

PA66.

Flammability resistance :

UL94-V2 - Standard.
UL94-V0 - UL approved (upon request).

Protection class :

IP 65 coupled.

Operating temperature :

-40°C +90°C Standard base
-40°C +65°C UL approved base (-UL)
-40°C +90°C UL approved base (-UL90)
-40°C +90°C with NBR gasket.
-40°C +125°C with Silicone gasket.

Nominal current :

10A (BP1-BP2 series: 6A).

Max contact current :

16A (BP1-BP2 series: 10A).

BG1 N 0 2 00 0 - ##

SERIES

- BG0** : SQUARE EN175301-803 BASE form A (18mm) WITH No.4 FIXING HOLES.
- BG1** : SQUARE EN175301-803 BASE form A (18mm) WITH No.4 FIXING HOLES.
- BG4** : SQUARE EN175301-803 BASE form A (18mm) WITH No.4 FIXING HOLES + CIRCULAR PART ø22mm.
- BG5** : SQUARE EN175301-803 BASE form A (18mm) WITH No.2 FIXING HOLES.
- BG7** : CIRCULAR EN175301-803 form A (18mm) ø27mm.
- BG8** : SQUARE EN175301-803 form A (18mm) SUITABLE FOR CYLINDERS ø80mm.
- BG10** : SQUARE EN175301-803 form A (18mm) SUITABLE FOR CYLINDERS ø100mm.
- BG16** : SQUARE EN175301-803 form A (18mm) SUITABLE FOR CYLINDERS ø160mm.
- BG33** : SQUARE EN175301-803 form A (18mm) SUITABLE FOR CYLINDERS ø33mm.
- BG42** : SQUARE EN175301-803 form A (18mm) SUITABLE FOR CYLINDERS ø42mm.
- BGR** : CIRCULAR EN175301-803 form A (18mm) with M27 FIXING CIRCULAR NUT.
- BM1** : RECTANGULAR INDUSTRIAL form B (11mm)
- BP1** : SQUARE MICRO EN175301-803 form C (8mm)
- BP2** : SQUARE MICRO INDUSTRIAL form C (9.4mm)
- BP3** : SQUARE MICRO INDUSTRIAL form C (9.4mm) WITH CIRCULAR PART ø15.2mm.

COLOUR

G : GREY. N : BLACK (STANDARD). T : TRANSPARENT.

0

POLES No.

2 : 2POLES + EARTH. 3 : 3POLES + EARTH.

CIRCUIT TYPE

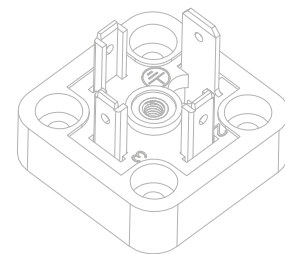
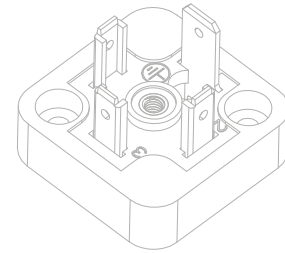
00 : WITHOUT ELECTRONIC.

VOLTAGE

0 : 250V / 300V.

SOME VARIABLES

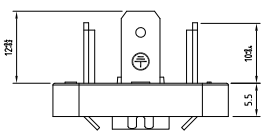
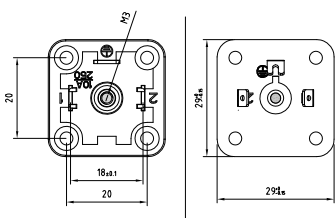
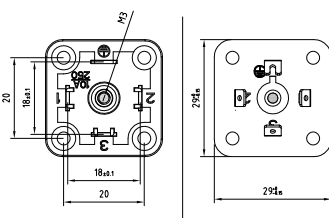
- UL : UL APPROVED +65°C.
- UL90: UL APPROVED +90°C
- PG11 : BGR SERIES WITH ADAPTER FROM M27 TO PG11.
- PG13.5 : BGR SERIES WITH ADAPTER FROM M27 TO PG13.5.
- M20 : BGR SERIES WITH ADAPTER FROM M27 TO M20X1.5.
- 1/2" NPTF : BGR SERIES WITH ADAPTER FROM M27 TO 1/2" NPTF.



VALVE CONNECTORS

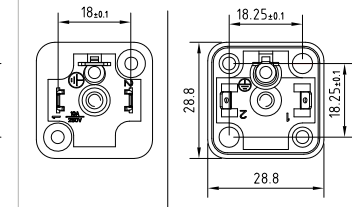
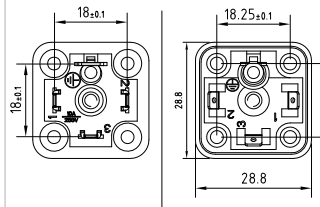
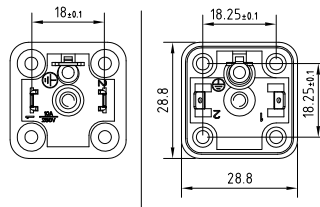
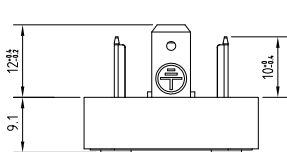
Bases Form A - EN175301-803(DIN43650)



Technical drawing		
		
Product description		
Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	BG0N02000	BG0N03000
Description	Square base connector BGO series complete with gasket and fixing screws.	Square base connector BGO series complete with gasket and fixing screws.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	-	-
Base colour	Black	Black
Base height	5.5mm	5.5mm
Gasket type	Flat NBR gasket	Flat NBR gasket
Technical data		
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°4	N°4
Diameter of fixing holes	ø3.2mm	ø3.2mm
Fixing screws material (x4)	Iron+Zinc plated	Iron+Zinc plated
Fixing screws length (x4)	M3 L=7.3mm	M3 L=7.3mm
Fixing screws torque (x4)	0.5 N*m	0.5 N*m
Earth fixing screw material	-	-
Earth fixing screws length	-	-
Earth screw torque	-	-
Central nut type	M3 Closed	M3 Closed
Packaging		
Qty/Box	200pcs / box	200pcs / box
Other accessories options		
See accessories section		
Notes:		
	Base in Grey colour: P/N BG0G02000	Base in Grey colour: P/N BG0G03000



Technical drawing



Product description

Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	BG1N02000	BG1N03000	BG5N02000
Description	Square base connector BG1 series complete with gasket and fixing screws.	Square base connector BG1 series complete with gasket and fixing screws.	Square base connector BG5 series complete with gasket and fixing screws.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	-	-	-
Base colour	Black	Black	Black
Base height	9.1mm	9.1mm	9.1mm
Gasket type	Flat NBR gasket	Flat NBR gasket	Flat NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°4	N°4	N°2
Diameter of fixing holes	ø3.2mm	ø3.2mm	ø3.2mm
Fixing screws material (x4)	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Fixing screws length (x4)	M3 L=10mm	M3 L=10mm	M3 L=10mm
Fixing screws torque (x4)	0.5 N*m	0.5 N*m	0.5 N*m
Earth fixing screw material	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Earth fixing screws length	M3 L=4.8mm	M3 L=4.8mm	M3 L=4.8mm
Earth screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Central nut type	M3 Open	M3 Open	M3 Open

Packaging

Qty/Box	200pcs / box	200pcs / box	200pcs / box
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Other accessories options

See accessories section

Notes:

Base in Grey colour: P/N BG1G02000

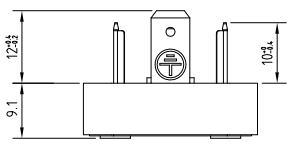
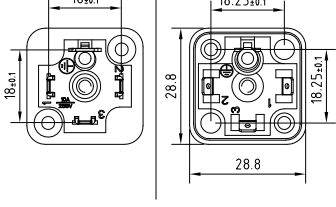
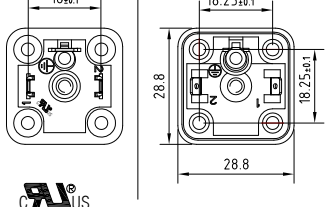
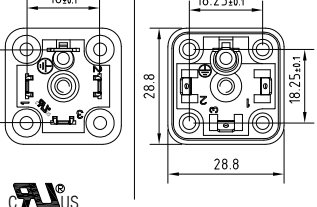
Base in Grey colour: P/N BG1G03000

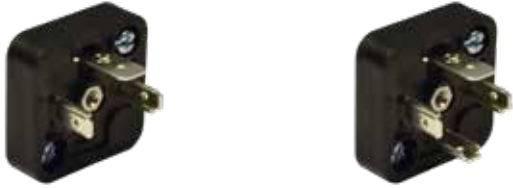
Base in Grey colour: P/N BG5G02000

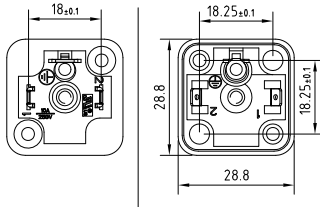
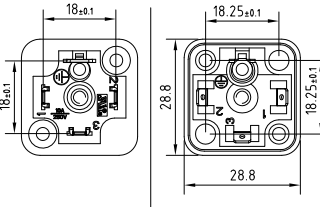
VALVE CONNECTORS

Bases Form A - EN175301-803(DIN43650)



Technical drawing			
			
Product description			
Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	BG5N03000	BG1N02000-UL	BG1N03000-UL
Description	Square base connector BG5 series complete with gasket and fixing screws.	Square base connector BG1 series, UL approved, complete with gasket and fixing screws.	Square base connector BG1 series, UL approved, complete with gasket and fixing screws.
Contacts spacing	18mm	18mm	18mm
Number of contacts	3poles + P.E.	2poles + P.E.	3poles + P.E.
Earth positioning	-	-	-
Base colour	Black	Black	Black
Base height	9.1mm	9.1mm	9.1mm
Gasket type	Flat NBR gasket	Flat NBR gasket	Flat NBR gasket
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°2	N°4	N°4
Diameter of fixing holes	ø3.2mm	ø3.2mm	ø3.2mm
Fixing screws material (x4)	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Fixing screws length (x4)	M3 L=10mm	M3 L=10mm	M3 L=10mm
Fixing screws torque (x4)	0.5 N*m	0.5 N*m	0.5 N*m
Earth fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Earth fixing screws length	M3 L=4.8mm	M3 L=4.8mm	M3 L=4.8mm
Earth screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Central nut type	M3 Open	M3 Open	M3 Open
Packaging			
Qty/Box	200pcs / box	200pcs / box	200pcs / box
Other accessories options			
See accessories section			
Notes:			
	Base in Grey colour: P/N BG5G03000		



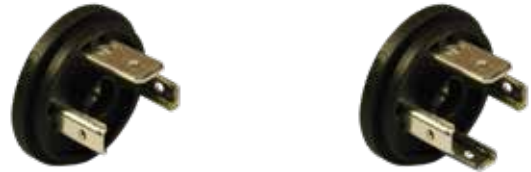
 <p>UL[®] US</p>	 <p>UL[®] US</p>		
Product description			
Square base for DIN valve connectors	Square base for DIN valve connectors		
EN175301-803	EN175301-803		
A	A		
BG5N02000-UL	BG5N03000-UL		
Square base connector BG5 series, UL approved, complete with gasket and fixing screws.	Square base connector BG5 series, UL approved, complete with gasket and fixing screws.		
18mm	18mm		
2poles + P.E.	3poles + P.E.		
-	-		
Black	Black		
9.1mm	9.1mm		
Flat NBR gasket	Flat NBR gasket		
Technical data			
250V AC/ 300VDC	250V AC/ 300VDC		
N°2	N°2		
ø3.2mm	ø3.2mm		
Iron+Zinc plated	Iron+Zinc plated		
M3 L=10mm	M3 L=10mm		
0.5 N*m	0.5 N*m		
Iron+Zinc plated	Iron+Zinc plated		
M3 L=4.8mm	M3 L=4.8mm		
0.5 N*m	0.5 N*m		
M3 Open	M3 Open		
Packaging			
200pcs / box	200pcs / box		
Other accessories options			
See accessories section			
Notes:			

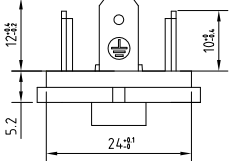
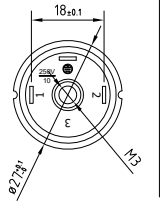
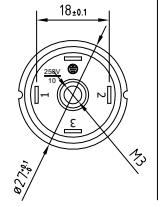
VALVE CONNECTORS

Bases Form A - EN175301-803(DIN43650)



Technical drawing		
Product description		
Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	BG4N02000	BG4N03000
Description	Square base connector BG4 series complete with gasket and fixing screws.	Square base connector BG4 series complete with gasket and fixing screws.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	-	-
Base colour	Black	Black
Base height	9.5mm	9.5mm
Gasket type	Flat NBR gasket	Flat NBR gasket
Technical data		
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°4	N°4
Diameter of fixing holes	ø3.2mm	ø3.2mm
Fixing screws material (x4)	Iron + Zinc plated	Iron + Zinc plated
Fixing screws length (x4)	M3 L=7.3mm	M3 L=7.3mm
Fixing screws torque (x4)	0.5 N*m	0.5 N*m
Earth fixing screw material	-	-
Earth fixing screws length	-	-
Earth screw torque	-	-
Central nut type	M3 Hexagonal closed	M3 Hexagonal closed
Packaging		
Qty/Box	200pcs / box	200pcs / box
Other accessories options		
See accessories section		
Notes:		
	Base in Grey colour: P/N BG4G02000	Base in Grey colour: P/N BG4G03000



Technical drawing		
		
Product description		
Connector type	Circular base for DIN valve connectors	Circular base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	BG7N02000	BG7N03000
Description	Circular base connector BG7 series without gasket and fixing screws.	Circular base connector BG7 series without gasket and fixing screws.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	-	-
Base colour	Black	Black
Base height	5.2mm	5.2mm
Gasket type	-	-
Technical data		
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	-	-
Diameter of fixing holes	-	-
Fixing screws material	-	-
Fixing screws length	-	-
Fixing screws torque	-	-
Earth fixing screw material	-	-
Earth fixing screws length	-	-
Earth screw torque	-	-
Central nut type	M3 Closed	M3 Closed
Packaging		
Qty/Box	200pcs / box	200pcs / box
Other accessories options		
See accessories section		
Notes:	Base in Grey colour: P/N BG7G02000	Base in Grey colour: P/N BG7G03000

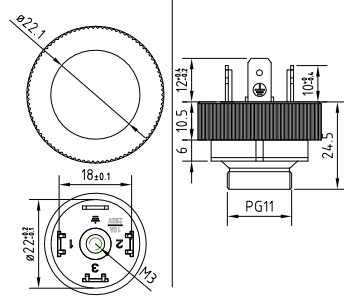
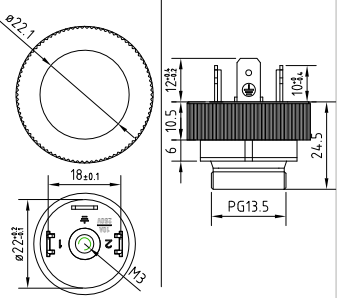
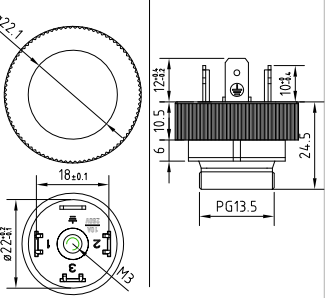
VALVE CONNECTORS

Bases Form A - EN175301-803(DIN43650)



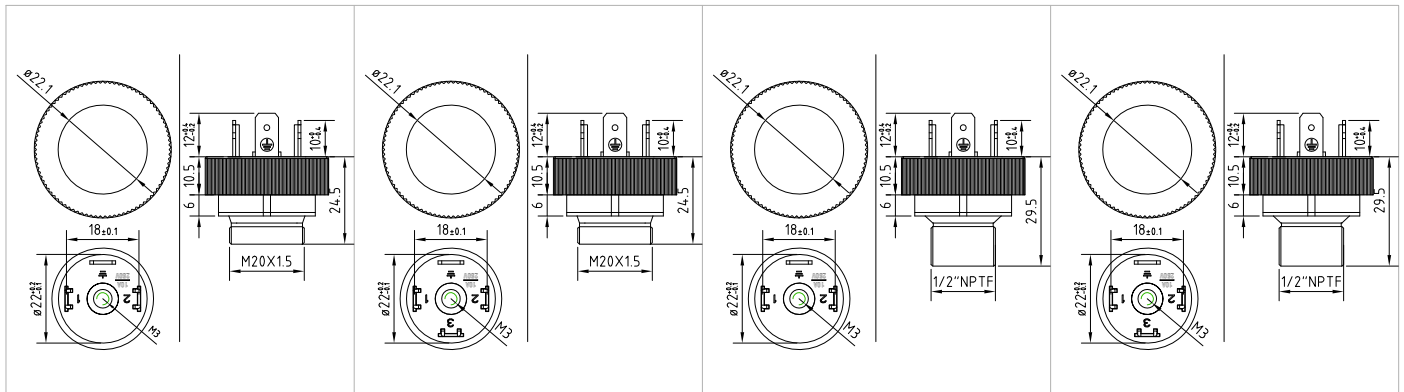
Technical drawing							
Product description		Circular base for DIN valve connectors		Circular base for DIN valve connectors		Circular base for DIN valve connectors	
Connector type	Circular base for DIN valve connectors	EN175301-803		EN175301-803		EN175301-803	
Conforms to	EN175301-803	A		A		A	
Construction type	A	BGRN02000		BGRN03000		BGRN02000-PG11	
Part number	BGRN02000	Circular base connector BGR series with plastic fixing nut M27X1.5. Base without fixing screws		Circular base connector BGR series with plastic fixing nut M27X1.5. Base without fixing screws		Circular base connector BGR series with plastic fixing nut M27X1.5+PG11 reduction. Base without fixing screws	
Description		18mm		18mm		18mm	
Contacts spacing	18mm	2poles + P.E.		3poles + P.E.		2poles + P.E.	
Number of contacts	2poles + P.E.	-		-		-	
Earth positioning	-	Black		Black		Black	
Base colour	Black	10.5mm (with plastic fixing nut)		10.5mm (with plastic fixing nut)		24.5mm (with fixing nut and reduction)	
Base height	10.5mm (with plastic fixing nut)	-		-		-	
Gasket type	-	Technical data		Technical data		Technical data	
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC		250V AC/ 300VDC		250V AC/ 300VDC	
Number of fixing holes	-	-		-		-	
Diameter of fixing holes	-	-		-		-	
Fixing screws material	-	-		-		-	
Fixing screws length	-	-		-		-	
Fixing screws torque	-	-		-		-	
Earth fixing screw material	-	-		-		-	
Earth fixing screws length	-	-		-		-	
Earth screw torque	-	-		-		-	
Central nut type	M3 Open	M3 Open		M3 Open		M3 Open	
Reduction type	-	-		-		From M27x1.5 to PG11	
Packaging		200pcs / box		200pcs / box		200pcs / box	
Qty/Box	200pcs / box						
Other accessories options							
See accessories section							
Notes:		Base in Grey colour: P/N BGRG02000		Base in Grey colour: P/N BGRG03000			



Technical drawing			
			
Product description			
Connector type	Circular base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	BGRN03000-PG11	BGRN02000-PG13.5	BGRN03000-PG13.5
Description	Circular base connector BGR series with plastic fixing nut M27X1.5+PG11 reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5+PG13.5 reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5+PG13.5 reduction. Base without fixing screws
Contacts spacing	18mm	18mm	18mm
Number of contacts	3poles + P.E.	2poles + P.E.	3poles + P.E.
Earth positioning	-	-	-
Base colour	Black	Black	Black
Base height	24.5mm (with fixing nut and reduction)	24.5mm (with fixing nut and reduction)	24.5mm (with fixing nut and reduction)
Gasket type	-	-	-
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	-	-	-
Diameter of fixing holes	-	-	-
Fixing screws material	-	-	-
Fixing screws length	-	-	-
Fixing screws torque	-	-	-
Earth fixing screw material	-	-	-
Earth fixing screws length	-	-	-
Earth screw torque	-	-	-
Central nut type	M3 Open	M3 Open	M3 Open
Reduction type	From M27x1.5 to PG11	From M27x1.5 to PG13.5	From M27x1.5 to PG13.5
Packaging			
Qty/Box	200pcs / box	200pcs / box	200pcs / box
Other accessories options			
See accessories section			
Notes:			

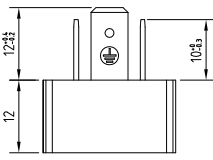
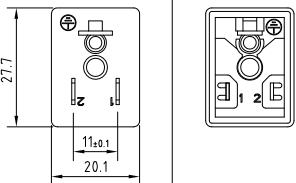
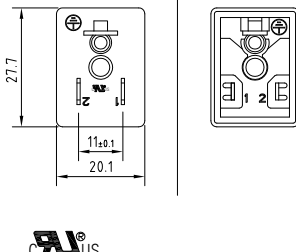
VALVE CONNECTORS

Bases Form A - EN175301-803(DIN43650)



Product description			
Circular base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
BGRN02000-M20	BGRN03000-M20	BGRN02000-1/2NPTF	BGRN03000-1/2NPTF
Circular base connector BGR series with plastic fixing nut M27X1.5 + M20x1.5 reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5 + M20x1.5 reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5 + 1/2NPTF reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5 + 1/2NPTF reduction. Base without fixing screws
18mm	18mm	18mm	18mm
2poles + P.E.	3poles + P.E.	2poles + P.E.	3poles + P.E.
-	-	-	-
Black	Black	Black	Black
24.5mm (with fixing nut and reduction)	24.5mm (with fixing nut and reduction)	29.5mm (with fixing nut and reduction)	29.5mm (with fixing nut and reduction)
-	-	-	-
Technical data			
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
M3 Open	M3 Open	M3 Open	M3 Open
From M27x1.5 to M20x1.5	From M27x1.5 to M20x1.5	From M27x1.5 to 1/2"NPTF	From M27x1.5 to 1/2"NPTF
-	-	-	-
Packaging			
200pcs / box	200pcs / box	200pcs / box	200pcs / box
Other accessories options			
See accessories section			
Notes:			



Technical drawing		
		
Product description		
Connector type	Rectangular base for DIN valve connectors	Rectangular base for DIN valve connectors
Conforms to	Industrial	Industrial
Construction type	B	B
Part number	BM1N02000	BM1N02000-UL
Description	Rectangular base connector BM1 series complete with gasket and fixing screws.	Rectangular base connector BM1 series, UL approved, complete with gasket and fixing screws.
Contacts spacing	11mm	11mm
Number of contacts	2poles + P.E.	2poles + P.E.
Earth positioning	-	-
Base colour	Black	Black
Base height	12mm	12mm
Gasket type	Flat NBR gasket	Flat NBR gasket
Technical data		
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	-	-
Diameter of fixing holes	-	-
Fixing screws material (x1)	Iron + Zinc plated	Iron + Zinc plated
Fixing screws length (x1)	M3(int.)-M4(ext.) L=15.5mm	M3(int.)-M4(ext.) L=15.5mm
Fixing screws torque (x1)	0.5 N*m	0.5 N*m
Earth fixing screw material	Iron + Zinc plated	Iron + Zinc plated
Earth fixing screws length	M3 L=5mm	M3 L=5mm
Earth screw torque	0.5 N*m	0.5 N*m
Central nut type	-	-
Packaging		
Qty/Box	200pcs / box	200pcs / box
Other accessories options		
See accessories section		
Notes:		
	Base in Grey colour: P/N BM1G02000	

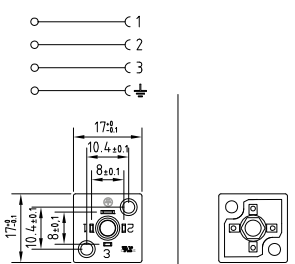

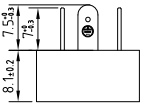
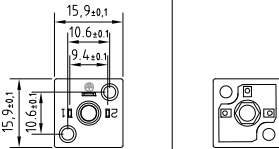
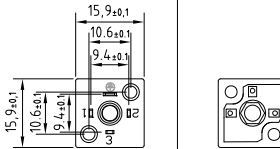
VALVE CONNECTORS

Bases Form C - EN175301-803(DIN43650)



<p>Technical drawing</p>			<p style="text-align: right;">UL C_{UL} US</p>
<p>Product description</p>			
Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C
Part number	BP1N02000	BP1N03000	BP1N02000-UL
Description	Square base connector BP1 series complete with gasket and fixing screws.	Square base connector BP1 series complete with gasket and fixing screws.	Square base connector BP1 series, UL approved, complete with gasket and fixing screws.
Contacts spacing	8mm	8mm	8mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	-	-	-
Base colour	Black	Black	Black
Base height	8.5mm	8.5mm	8.5mm
Gasket type	Flat NBR gasket	Flat NBR gasket	Flat NBR gasket
<p>Technical data</p>			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°2	N°2	N°2
Diameter of fixing holes	ø3mm	ø3mm	ø3mm
Fixing screws material (x1)	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Fixing screws length (x1)	M2.5 L=8mm	M2.5 L=8mm	M2.5 L=8mm
Fixing screws torque (x1)	0.4 N*m	0.4 N*m	0.4 N*m
Earth fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Earth fixing screws length	-	-	-
Earth screw torque	-	-	-
Central nut type	M2.5 Open	M2.5 Open	M2.5 Open
<p>Packaging</p>			
Qty/Box	200pcs / box	200pcs / box	200pcs / box
<p>Other accessories options to be ordered separately see page</p>			
<p>Notes:</p>	Base in Grey colour: P/N BP1G02000	Base in Grey colour: P/N BP1G03000	



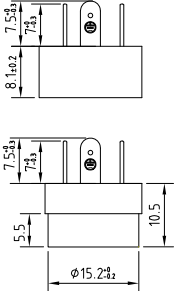
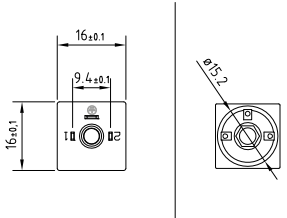
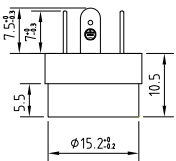
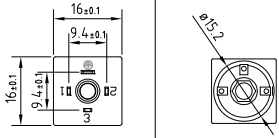
 <p>○ — C 1 ○ — C 2 ○ — C 3 ○ — ⚡</p> <p>17±1 10.4±0.1 8±0.1 17±1 10.4±0.1 8±0.1 8±0.1 10.4±0.1 8±0.1</p> 	<p>Technical drawing</p>  <p>7.5±0.1 7±0.1 8.1±0.2</p>	 <p>15.9±0.1 10.6±0.1 9.4±0.1 15.9±0.1 10.6±0.1 9.4±0.1</p>	 <p>15.9±0.1 10.6±0.1 9.4±0.1 15.9±0.1 10.6±0.1 9.4±0.1</p>
Product description			
Square base for DIN valve connectors	Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors
EN175301-803	Conforms to	Industrial	Industrial
C	Construction type	C	C
BP1N03000-UL	Part number	BP2N02000	BP2N03000
Square base connector BP1 series, UL approved, complete with gasket and fixing screws.	Description	Square base connector BP2 series complete with gasket and fixing screws.	Square base connector BP2 series complete with gasket and fixing screws.
8mm	Contacts spacing	9.4mm	9.4mm
3poles + P.E.	Number of contacts	2poles + P.E.	3poles + P.E.
-	Earth positioning	-	-
Black	Base colour	Black	Black
8.5mm	Base height	8.5mm	8.5mm
Flat NBR gasket	Gasket type	Flat NBR gasket	Flat NBR gasket
Technical data			
250V AC/ 300VDC	Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
N°2	Number of fixing holes	N°2	N°2
ø3mm	Diameter of fixing holes	ø3mm	ø3mm
Iron+Zinc plated	Fixing screws material (x1)	Iron+Zinc plated	Iron+Zinc plated
M2.5 L=8mm	Fixing screws length (x1)	M3 L=8mm	M3 L=8mm
0.4 N*m	Fixing screws torque (x1)	0.5 N*m	0.5 N*m
Iron+Zinc plated	Earth fixing screw material	Iron+Zinc plated	Iron+Zinc plated
-	Earth fixing screws length	-	-
-	Earth screw torque	-	-
M2.5 Open	Central nut type	M3 Open	M3 Open
Packaging			
200pcs / box	Qty/Box	400pcs / box	400pcs / box
Other accessories options			
to be ordered separately see page			
Notes:			
		Base in Grey colour: P/N BP2G02000	Base in Grey colour: P/N BP2G03000

VALVE CONNECTORS
Bases Form C - Industrial



Square base for DIN valve connectors	Square base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors
Industrial	Industrial	Industrial	Industrial
C	C	C	C
BP2N02000-UL	BP2N03000-UL	BP2RN02000	BP2RN03000
Square base connector BP2 series, UL approved, complete with gasket and fixing screws.	Square base connector BP2 series, UL approved, complete with gasket and fixing screws.	Circular base connector BP2R series with plastic fixing nut M27X1.5. Base without fixing screws	Circular base connector BP2R series with plastic fixing nut M27X1.5. Base without fixing screws
9,4mm	9,4mm	9,4mm	9,4mm
2poles + P.E.	3poles + P.E.	2poles + P.E.	3poles + P.E.
-	-	-	-
Black	Black	Black	Black
8.5mm	8.5mm	10.5mm (with plastic fixing nut)	10.5mm (with plastic fixing nut)
Flat NBR gasket	Flat NBR gasket	-	-
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
N°2	N°2	-	-
ø3mm	ø3mm	-	-
Iron + Zinc plated	Iron + Zinc plated	-	-
M3 L=8mm	M3 L=8mm	-	-
0.5 N*m	0.5 N*m	-	-
Iron + Zinc plated	Iron + Zinc plated	-	-
-	-	-	-
-	-	-	-
M3 Open	M3 Open	M3 Open	M3 Open
-	-	-	-
400pcs / box	400pcs / box	200pcs / box	200pcs / box
		Base available with different reductions: P/N BP2RN02000-PG11 P/N BP2RN02000-PG13.5 P/N BP2RN02000-M20 P/N BP2RN02000-1/2NPTF	Base available with different reductions: P/N BP2RN03000-PG11 P/N BP2RN03000-PG13.5 P/N BP2RN03000-M20 P/N BP2RN03000-1/2NPTF



Technical drawing			
			
			
Product description			
Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors	
Conforms to	Industrial	Industrial	
Construction type	C	C	
Part number	BP3N02000	BP3N03000	
Description	Square base connector BP3 series complete with gasket	Square base connector BP3 series complete with gasket	
Contacts spacing	9.4mm	9.4mm	
Number of contacts	2poles + P.E.	3poles + P.E.	
Earth positioning	-	-	
Base colour	Black	Black	
Base height	10.5mm	10.5mm	
Gasket type	Flat NBR gasket	Flat NBR gasket	
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	
Number of fixing holes	-	-	
Diameter of fixing holes	-	-	
Fixing screws material (x1)	-	-	
Fixing screws length (x1)	-	-	
Fixing screws torque (x1)	-	-	
Earth fixing screw material	-	-	
Earth fixing screws length	-	-	
Earth screw torque	-	-	
Central nut type	M3 Open	M3 Open	
Packaging			
Qty/Box	300pcs / box	300pcs / box	
Other accessories options			
to be ordered separately see page			
Notes:			
	Base in Grey colour: P/N BP3G02000	Base in Grey colour: P/N BP3G03000	

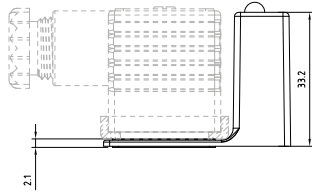
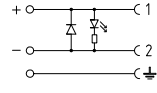
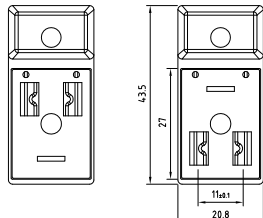
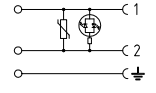
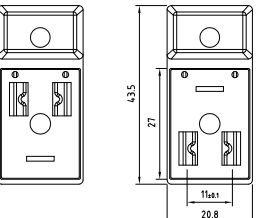
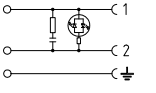
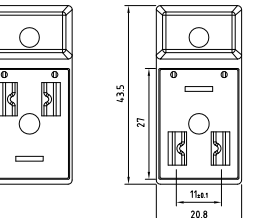
VALVE CONNECTORS

Adapters bases for DIN Valve connectors - Form A
EN175301-803(DIN43650)



Technical drawing											
Product description											
Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors				
Conforms to	EN175301-803			EN175301-803			EN175301-803				
Construction type	A			A			A				
Part number	AG1N02DL1	AG1N02DL2	AG1N02DL3	AG1N02VL1	AG1N02VL2	AG1N02VL3	AG1N02FL1	AG1N02FL2	AG1N02FL3		
Description	Square Angled 90° adapter AG1 series			Square Angled 90° adapter AG1 series			Square Angled 90° adapter AG1 series				
Contacts spacing	18mm			18mm			18mm				
Number of contacts	2poles + 2P.E.			2poles + 2P.E.			2poles + 2P.E.				
Earth positioning	H.6-12			H.6-12			H.6-12				
Adapter colour	Black			Black			Black				
Adapter height	33.2mm			33.2mm			33.2mm				
Technical data											
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	24V AC/DC	115V AC/DC	230V AC/DC		
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor			Bipolar Led + RC circuit				
Led colour	Red			Red			Red				
Packaging											
Qty/Bag	1pc / bag			1pc / bag			1pc / bag				
Other accessories options											
-											
Notes:											
Adapter available with different led colour. Adapter available with different circuits.			Adapter available with different led colour. Adapter available with different circuits.			Adapter available with different led colour. Adapter available with different circuits.			Adapter available with different led colour. Adapter available with different circuits.		



Technical drawing										
		 <p>H.6 H.12</p> 			 <p>H.6 H.12</p> 			 <p>H.6 H.12</p> 		
Product description										
Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			
Conforms to	Industrial			Industrial			Industrial			
Construction type	B			B			B			
Part number (P.E. H.6)	AM1N02DL1A AM1N02DL2A AM1N02DL3A			AM1N02VL1A AM1N02VL2A AM1N02VL3A			AM1N02FL1A AM1N02FL2A AM1N02FL3A			
Part number (P.E. H.12)	AM1N02DL1B AM1N02DL2B AM1N02DL3B			AM1N02VL1B AM1N02VL2B AM1N02VL3B			AM1N02FL1B AM1N02FL2B AM1N02FL3B			
Description	Rectangular angled 90° adapter AM1 series			Rectangular angled 90° adapter AM1 series			Rectangular angled 90° adapter AM1 series			
Contacts spacing	11mm			11mm			11mm			
Number of contacts	2poles + P.E.			2poles + P.E.			2poles + P.E.			
Earth positioning	H.6 or H.12			H.6 or H.12			H.6 or H.12			
Adapter colour	Black			Black			Black			
Adapter height	33.2mm			33.2mm			33.2mm			
Technical data										
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	24V AC/DC	115V AC/DC	230V AC/DC	
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor			Bipolar Led + RC circuit			
Led colour	Red			Red			Red			
Packaging										
Qty/Bag	1pc / bag			1pc / bag			1pc / bag			
Other accessories options										
-										
Notes:										
Adapter available with different led colour.										
Adapter available with different circuits.										

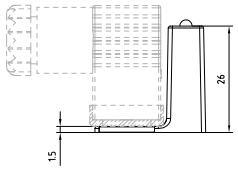
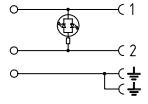
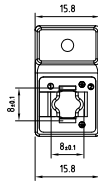
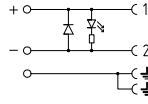
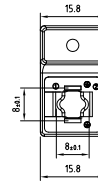
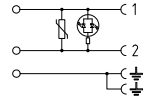
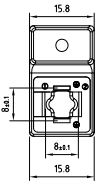
VALVE CONNECTORS

Adapters bases for DIN Valve connectors - Form B
Industrial



Technical drawing							
Product description							
Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			
Conforms to	Industrial			Industrial			
Construction type	B			B			
Part number (P.E. H.6)	AM1N02DL1A-180	AM1N02DL2A-180	AM1N02DL3A-180	AM1N02VL1A-180	AM1N02VL2A-180	AM1N02VL3A-180	
Part number (P.E. H.12)	AM1N02DL1B-180	AM1N02DL2B-180	AM1N02DL3B-180	AM1N02VL1B-180	AM1N02VL2B-180	AM1N02VL3B-180	
Description	Rectangular straight 180° adapter AM1 series			Rectangular straight 180° adapter AM1 series			
Contacts spacing	11mm			11mm			
Number of contacts	2poles + P.E.			2poles + P.E.			
Earth positioning	H.6 or H.12			H.6 or H.12			
Adapter colour	Black			Black			
Adapter height	33.2mm			33.2mm			
Technical data							
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor			
Led colour	Red			Red			
Packaging							
Qty/Bag	1pc / bag			1pc / bag			
Other accessories options							
-							
Notes:							
Adapter available with different led colour.							
Adapter available with different circuits.							



Technical drawing									
		 		 		 			
Product description									
Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to	EN175301-803			EN175301-803			EN175301-803		
Construction type	C			C			C		
Part number	AP1N02L01	AP1N02L02	AP1N02L03	AP1N02DL1	AP1N02DL2	AP1N02DL3	AP1N02VL1	AP1N02VL2	AP1N02VL3
Description	Square micro angled 90° adapter AP1 series			Square micro angled 90° adapter AP1 series			Square micro angled 90° adapter AP1 series		
Contacts spacing	8mm			8mm			8mm		
Number of contacts	2poles + 2P.E.			2poles + 2P.E.			2poles + 2P.E.		
Earth positioning	H.6-12			H.6-12			H.6-12		
Adapter colour	Black			Black			Black		
Adapter height	26mm			26mm			26mm		
Technical data									
Rated voltage	24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red			Red		
Packaging									
Qty/Bag	1pc / bag			1pc / bag			1pc / bag		
Other accessories options									
-									
Notes:									
Adapter available with different led colour.									
Adapter available with different circuits.									

VALVE CONNECTORS

Adapters bases for DIN Valve connectors - Form C
Industrial



Technical drawing											
Product description											
Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors				
Conforms to	Industrial			Industrial			Industrial				
Construction type	C			C			C				
Part number	AP2N02L01	AP2N02L02	AP2N02L03	AP2N02DL1	AP2N02DL2	AP2N02DL3	AP2N02VL1	AP2N02VL2	AP2N02VL3		
Description	Square micro angled 90° adapter AP2 series			Square micro angled 90° adapter AP2 series			Square micro angled 90° adapter AP2 series				
Contacts spacing	9.4mm			9.4mm			9.4mm				
Number of contacts	2poles + 2P.E.			2poles + 2P.E.			2poles + 2P.E.				
Earth positioning	H.6-12			H.6-12			H.6-12				
Adapter colour	Black			Black			Black				
Adapter height	26mm			26mm			26mm				
Technical data											
Rated voltage	24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC		
Circuit type	Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor				
Led colour	Red			Red			Red				
Packaging											
Qty/Bag	1pc / bag			1pc / bag			1pc / bag				
Other accessories options											
-											
Notes:											
Adapter available with different led colour.											
Adapter available with different circuits.											

● **GENERAL FEATURES:**

Adapter :

M8 : M8 circular connector.

M12: M12 circular connector.

Fixing system :

Central fixing screw.

Max. screw torque IEC60947-1

(Central fixing screw) :

G1-M1-P2 series: Max. 0.5 N * m.

P1 series: Max. 0.4 N * m.

Type of terminations :

Screw(with protection plate).

Contact material and treatment :

Brass + Silver plated.

Housing material :

Polypropylene.

Internal core material :

PA66.

Flammability resistance :

UL94-V2 - Standard.

Protection class :

IP 65 / 67 (assembled).

Operating temperature :

-40°C +90°C with NBR gasket.

-40°C +125°C with Silicone gasket.

G1 N 0 2 00 0 C - 12MD - ##

SERIES

G1 : EN175301-803 form A (18mm).

G1B : EN175301-803 form A (18mm) TOP EXIT.

BG1 : EN175301-803 form A (18mm)WITH MALE CONTACTS.

BG1B: EN175301-803 form A (18mm)WITH MALE CONTACTS TOP EXIT.

M1 : INDUSTRIAL form B (11mm).

M2 : EN175301-803 form B (10mm).

P1 : EN175301-803 form C (8mm).

P2 : MICRO INDUSTRIAL form C (9.4mm).

COLOUR

G : GREY.

N : BLACK (STANDARD).

CABLE GLAND

0 : MOULDED CONNECTOR.

POLES No.

2 : 2POLES + EARTH.

3 : 3POLES + EARTH.

CIRCUIT TYPE

SEE CIRCUITS FEATURES PAGE.

(**BG1B** SERIES ONLY WITHOUT ELECTRONIC).

VOLTAGE

0 : 60V.

1 : 24V.

EARTH POSITION

A : H.6. **B :** H.12. **C :** DOUBLE H.6-12. **D :** H.3. **E :** H.9. **F :** DOUBLE H. 3-9.

ADAPTER WITH

12MD : M12 MALE 180° 3p. **12FD :** M12 FEMALE 180° 3p.

08MD3 : M8 MALE 180° 3p. **08FD3 :** M8 FEMALE 180° 3p.

08MD4 : M8 MALE 180° 4p. **08FD4 :** M8 FEMALE 180° 4p.

SOME VARIABLES

L : PROFILED GASKET. **SS :** STAINLESS STEEL SCREW. **Y :** WITHOUT H.T.P.LOGO.

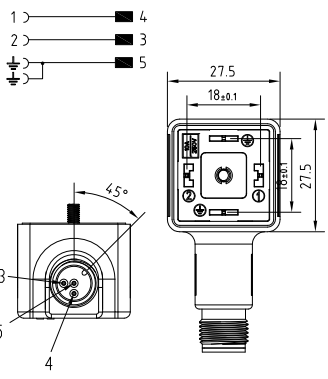
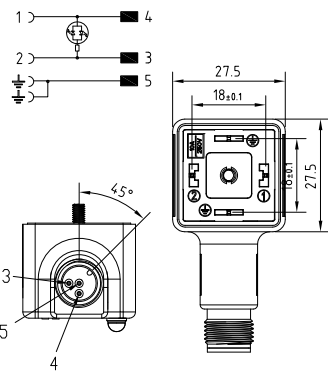
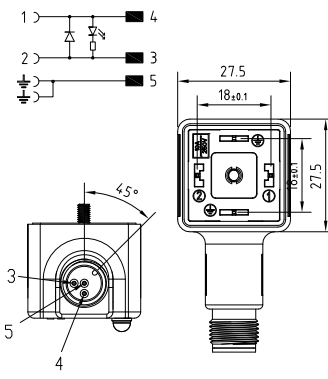
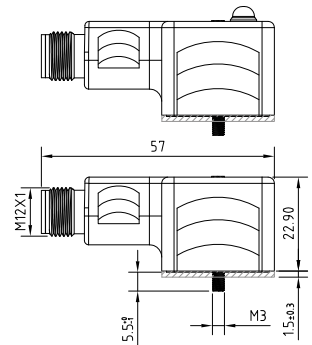
VALVE CONNECTORS

Adapters DIN valve connectors - Form A
EN175301-803(DIN43650) + M12/M8 connectors



Technical drawing				
Product description				
Connector type	Adapter DIN valve connector - M8 connector	Adapter DIN valve connector - M8 connector	Adapter DIN valve connector - M8 connector	Adapter DIN valve connector - M8 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A	A
Part number	G1N02000C-08MD3	G1N02DL1C-08MD3	G1N02DL1C-08MD3	G1N02VL1C-08MD3
Description	Adapter square connector EN175301-803 (form A) - M8 circular connector.	Adapter square connector EN175301-803 (form A) - M8 circular connector.	Adapter square connector EN175301-803 (form A) - M8 circular connector.	Adapter square connector EN175301-803 (form A) - M8 circular connector.
Contacts spacing	18mm	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M8	M8	M8	M8
Technical data				
Rated voltage	60V AC/DC	24V DC	24V AC/DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor	Bipolar Led + Varistor
Led colour	-	Red	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Male 3poles	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°2	n°2	n°2	n°2
Packaging				
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options				
See accessories section				
Notes:				
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour



Technical drawing				
				
Product description				
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A	A
Part number	G1N02000C-12MD	G1N02L01C-12MD	G1N02DL1C-12MD	G1N02DL1C-12MD
Description	Adapter square connector EN175301-803 (form A) - M12 circular connector.	Adapter square connector EN175301-803 (form A) - M12 circular connector.	Adapter square connector EN175301-803 (form A) - M12 circular connector.	Adapter square connector EN175301-803 (form A) - M12 circular connector.
Contacts spacing	18mm	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12	M12
Technical data				
Rated voltage	60V AC/DC	24V AC/DC	24V DC	24V DC
Circuit type	-	Bipolar Led	Led + Diode(1A)	Led + Diode(1A)
Led colour	-	Red	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3	n°3
Packaging				
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options				
See accessories section				
Notes:				
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour

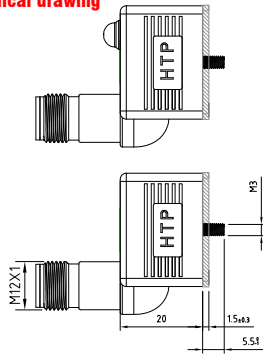
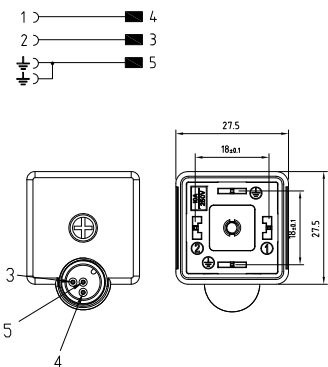
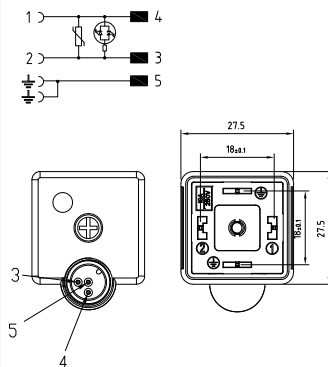
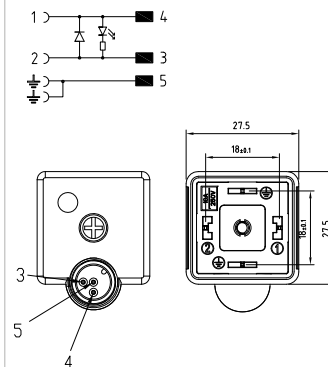
VALVE CONNECTORS

Adapters DIN valve connectors - Form A
EN175301-803(DIN43650) + M12/M8 connectors



Technical drawing			
Product description			
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	
Conforms to	EN175301-803	EN175301-803	
Construction type	A	A	
Part number	G1N02VL1C-12MD	G1N03Q01A-12MD	
Description	Adapter square connector EN175301-803 (form A) - M12 circular connector.	Adapter square connector EN175301-803 (form A) - M12 circular connector.	
Contacts spacing	18mm	18mm	
Number of contacts	2poles + 2P.E.	3poles + P.E.	
Earth positioning	H.6-12	H.6	
Housing colour	Black	Black	
Housing height	22.9mm	22.9mm	
Gasket type	Integrated NBR gasket	Integrated NBR gasket	
Circular connector type	M12	M12	
Technical data			
Rated voltage	24V AC/DC	24V DC	
Circuit type	Bipolar Led + Varistor	Bicolour Led + no.2 Diodes (1A)	
Led colour	Red	Red (pin 2) ; Green (pin3)	
Central fixing screw	M3 L=25mm	M3 L=25mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	
M12 Connector type	Straight 180°	Straight 180°	
M12 contacts type	Male 3poles	Male 5poles	
Number of contacts connected	n°3	n°5	
Packaging			
Qty/Bag	1pc / bag	1pc / bag	
Other accessories options			
See accessories section			
Notes:			
	Connector available with different led colour	Connector available with different led connection: Q8 circuit (Green pin 2; Red pin 3) Q1 circuit (Yellow pin 2; Green pin 3)	



Technical drawing			
			
Product description			
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	GBN02000C-12MD	GBN02VL1C-12MD	GBN02DL1C-12MD
Description	Adapter square connector EN175301-803 (form A) top exit - M12 circular connector.	Adapter square connector EN175301-803 (form A) top exit - M12 circular connector.	Adapter square connector EN175301-803 (form A) top exit - M12 circular connector.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	20mm	20mm	20mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12
Technical data			
Rated voltage	60V AC/DC	24V AC/DC	24V DC
Circuit type	-	Bipolar Led + Varistor	Led + Diode(1A)
Led colour	-	Red	Red
Central fixing screw	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3
Packaging			
Qty/Bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options			
See accessories section			
Notes:			
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour

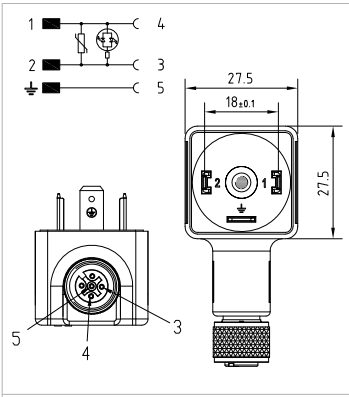
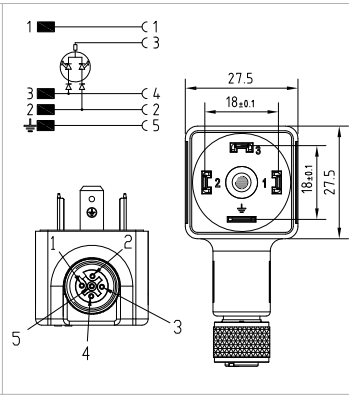
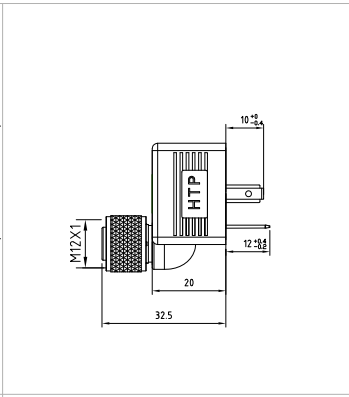
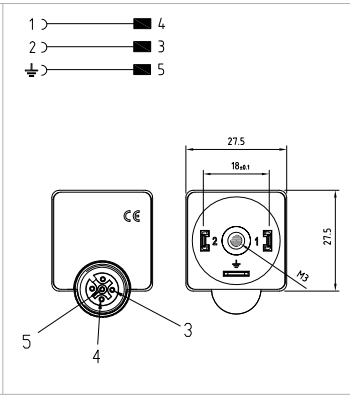
VALVE CONNECTORS

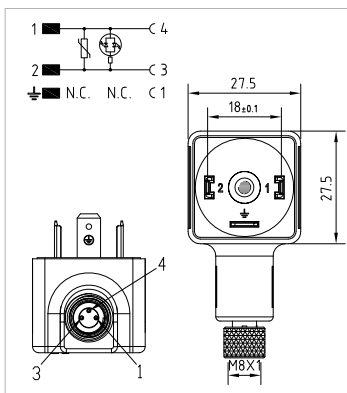
Adapters DIN valve connectors - Form A
EN175301-803(DIN43650) + M12/M8 connectors



Technical drawing				
Product description		Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A	A
Part number	BG1N02000A-12FD	BG1N02L01A-12FD	BG1N02DL1A-12FD	BG1N02DL1A-12FD
Description	Adapter square connector EN175301-803 (form A) male - M12 circular connector.	Adapter square connector EN175301-803 (form A) male - M12 circular connector.	Adapter square connector EN175301-803 (form A) male - M12 circular connector.	Adapter square connector EN175301-803 (form A) male - M12 circular connector.
Contacts spacing	18mm	18mm	18mm	18mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.6	H.6	H.6	H.6
Housing colour	Black	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm	22.9mm
Gasket type	-	-	-	-
Circular connector type	M12	M12	M12	M12
Technical data				
Rated voltage	60V AC/DC	24V AC/DC	24V AC/DC	24V DC
Circuit type	-	Bipolar Led	Bipolar Led	Led + Diode(1A)
Led colour	-	Red	Red	Red
Central fixing screw material	M3x0.5 Closed	M3x0.5 Closed	M3x0.5 Closed	M3x0.5 Closed
Central screw torque	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Female 3poles	Female 3poles	Female 3poles	Female 3poles
Number of contacts connected	n°3	n°3	n°3	n°3
Packaging				
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options				
See accessories section				
Notes:		Connector available with different circuits	Connector available with different led colour	Connector available with different led colour



			
Product description		Product description	
Adapter DIN valve connector-M12 connector EN175301-803	Adapter DIN valve connector-M12 connector EN175301-803	Connector type	Adapter DIN valve connector-M12 connector
A	A	Conforms to	EN175301-803
BG1N02VL1A-12FD	BG1N02Q01A-12FD	Construction type	A
Adapter square connector EN175301-803 (form A) male - M12 circular connector.	Adapter square connector EN175301-803 (form A) male - M12 circular connector.	Part number	BGB1N02000A-12FD
18mm	18mm	Description	Adapter square connector EN175301-803 (form A) top exit male-M12 circular connector.
2poles + P.E.	2poles + P.E.	Contacts spacing	18mm
H.6	H.6	Number of contacts	2poles + P.E.
Black	Black	Earth positioning	H.6
22.9mm	22.9mm	Housing colour	Black
-	-	Height housing	20mm
M12	M12	Gasket type	-
		Circular connector type	M12
Technical data		Technical data	
24V AC/DC	24V DC	Rated voltage	60V AC/DC
Bipolar Led + Varistor	Bicolour Led + no.2 Diodes (1A)	Circuit type	-
Red	Red (pin 2) ; Green (pin3)	Led colour	-
M3x0.5 Closed	M3x0.5 Closed	Central fixing nut	M3x0.5 Closed
Iron + Zinc plated	Iron + Zinc plated	Central fixing screw material	Iron + Zinc plated
0.5 N*m	0.5 N*m	Central screw torque	0.5 N*m
Straight 180°	Straight 180°	M12 Connector type	Straight 180°
Female 3poles	Female 3poles	M12 contacts type	Female 3poles
n°3	n°5	Number of contacts connected	n°3
Packaging		Packaging	
1pc / bag	1pc / bag	Qty/Box	1pc / bag
Other accessories options		Other accessories options	
See accessories section		See accessories section	
Notes: Connector available with different led colour		Notes:	
	Connector available with different led connection: Q8 circuit (Green pin 2; Red pin 3) Q1 circuit (Yellow pin 2; Green pin 3)		



Product description

Adapter DIN valve connector - M8 connector

EN175301-803

A

BG1N02VL1C-08MD3

Adapter square connector EN175301-803 (form A) - M8 circular connector.

18mm

2poles + P.E.

H.6

Black

22.9mm

-

M8

Technical data

24V AC/DC

Bipolar Led + Varistor

Red

M3 L=25mm

Iron + Zinc plated

0.5 N*m

Straight 180°

Female 3poles

n°2

Packaging

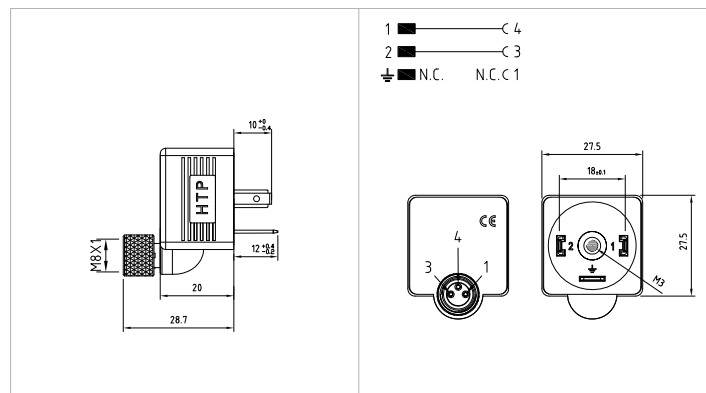
1pc / bag

Other accessories options

See accessories section

Notes:

Connector available with different led colour



Product description

Connector type

Adapter DIN valve connector-M8 connector

Conforms to

EN175301-803

Construction type

A

Part number

BG1N02000A-08FD3

Description

Adapter square connector EN175301-803 (form A) top exit male-M8 circular connector.

Contacts spacing

18mm

Number of contacts

2poles + P.E.

Earth positioning

H.6

Housing colour

Black

Housing height

20mm

Gasket type

-

Circular connector type

M8

Technical data

Rated voltage

50V AC/60 V DC

Circuit type

-

Led colour

-

Central fixing nut

M3x0.5 Closed

Central fixing screw material

Iron + Zinc plated

Central screw torque

0.5 N*m

M8 Connector type

Straight 180°

M8 contacts type

Female 3poles

Number of contacts connected

n°2

Packaging

Qty/Box

1pc / bag

Other accessories options

See accessories section

Notes:

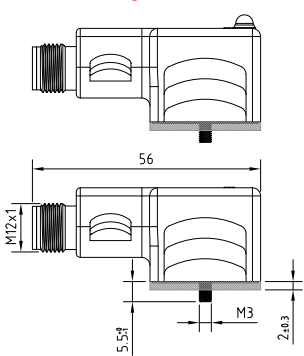
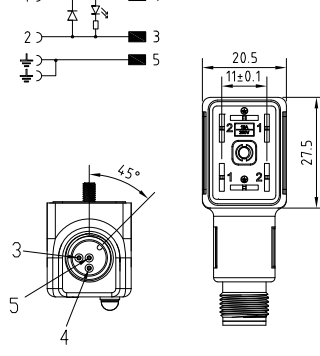
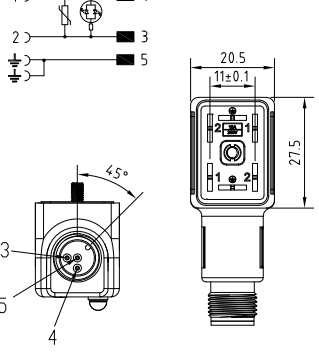
VALVE CONNECTORS

Adapters DIN valve connectors - Form B
Industrial + M12/M8 connectors



Technical drawing				
Product description				
Connector type	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector
Conforms to	Industrial	Industrial	Industrial	EN175301-803
Construction type	B	B	B	B
Part number	M1N02000C-08MD3	M1N02DL1C-08MD3	M1N02DL1C-08MD3	M1N02VL1C-08MD3
Description	Adapter rectangular industrial connector (form B) - M8 circular connector.	Adapter rectangular industrial connector (form B) - M8 circular connector.	Adapter rectangular industrial connector (form B) - M8 circular connector.	Adapter rectangular industrial connector (form B) - M8 circular connector.
Contacts spacing	11mm	11mm	11mm	11mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M8	M8	M8	M8
Technical data				
Rated voltage	60V AC/DC	24V DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Male 3poles	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°2	n°2	n°2	n°2
Packaging				
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options				
See accessories section				
Notes:				
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour



Technical drawing							
Product description							
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	Industrial	Industrial	Industrial	Industrial	Industrial	Industrial	Industrial
Construction type	B	B	B	B	B	B	B
Part number	M1N0200C-12MD	M1N02DL1C-12MD	M1N02DL1C-12MD	M1N02DL1C-12MD	M1N02VL1C-12MD	M1N02VL1C-12MD	M1N02VL1C-12MD
Description	Adapter rectangular industrial connector (form B) - M12 circular connector.	Adapter rectangular industrial connector (form B) - M12 circular connector.	Adapter rectangular industrial connector (form B) - M12 circular connector.	Adapter rectangular industrial connector (form B) - M12 circular connector.	Adapter rectangular industrial connector (form B) - M12 circular connector.	Adapter rectangular industrial connector (form B) - M12 circular connector.	Adapter rectangular industrial connector (form B) - M12 circular connector.
Contacts spacing	11mm	11mm	11mm	11mm	11mm	11mm	11mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12	H.6-12	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black	Black	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm	22.9mm	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12	M12	M12	M12	M12
Technical data							
Rated voltage	60V AC/DC	24V DC	24V DC	24V DC	24V AC/DC	24V AC/DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Led + Diode(1A)	Led + Diode(1A)	Bipolar Led + Varistor	Bipolar Led + Varistor	Bipolar Led + Varistor
Led colour	-	Red	Red	Red	Red	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°	Straight 180°	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles	Male 3poles	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3	n°3	n°3	n°3	n°3
Packaging							
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options							
See accessories section							
Notes:							
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour

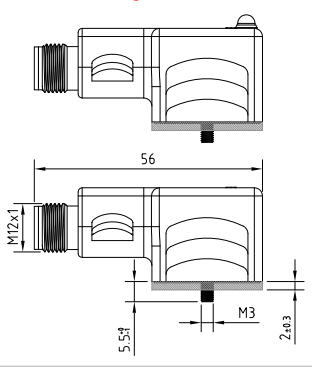
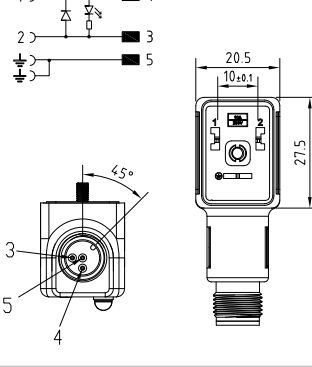
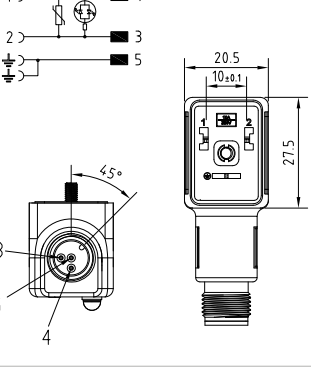
VALVE CONNECTORS

Adapters DIN valve connectors - Form B
EN175301-803(DIN43650) + M12/M8 connectors



Technical drawing		1 > 4 2 > 3 N.C. 1	1 > 4 2 > 3 N.C. 1	1 > 4 2 > 3 N.C. 1	
Product description					
Connector type	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803	
Construction type	B	B	B	B	
Part number	M2N02000A-08MD3	M2N02DL1A-08MD3	M2N02DL1A-08MD3	M2N02VL1A-08MD3	
Description	Adapter rectangular connector EN175301-803 (form B) - M8 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M8 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M8 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M8 circular connector.	
Contacts spacing	10mm	10mm	10mm	10mm	
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.	
Earth positioning	H.6	H.6	H.6	H.6	
Housing colour	Black	Black	Black	Black	
Height housing	22.9mm	22.9mm	22.9mm	22.9mm	
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	
Circular connector type	M8	M8	M8	M8	
Technical data					
Rated voltage	60V AC/DC	24V DC	24V DC	24V AC/DC	
Circuit type	-	Led + Diode(1A)	Led + Diode(1A)	Bipolar Led + Varistor	
Led colour	-	Red	Red	Red	
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	
M8 Connector type	Straight 180°	Straight 180°	Straight 180°	Straight 180°	
M8 contacts type	Male 3poles	Male 3poles	Male 3poles	Male 3poles	
Number of contacts connected	n°2	n°2	n°2	n°2	
Packaging					
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag	
Other accessories options					
See accessories section					
Notes:					
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour	



Technical drawing							
Product description							
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	B	B	B	B	B	B	B
Part number	M2N02000A-12MD3	M2N02DL1A-12MD	M2N02DL1A-12MD	M2N02DL1A-12MD	M2N02VL1A-12MD	M2N02VL1A-12MD	M2N02VL1A-12MD
Description	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.
Contacts spacing	10mm	10mm	10mm	10mm	10mm	10mm	10mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.6	H.6	H.6	H.6	H.6	H.6	H.6
Housing colour	Black	Black	Black	Black	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm	22.9mm	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12	M12	M12	M12	M12
Technical data							
Rated voltage	60V AC/DC	24V DC	24V DC	24V DC	24V AC/DC	24V AC/DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Led + Diode(1A)	Led + Diode(1A)	Bipolar Led + Varistor	Bipolar Led + Varistor	Bipolar Led + Varistor
Led colour	-	Red	Red	Red	Red	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°	Straight 180°	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles	Male 3poles	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3	n°3	n°3	n°3	n°3
Packaging							
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options							
See accessories section							
Notes:							
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour

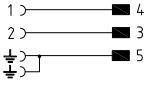
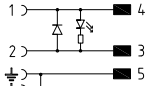
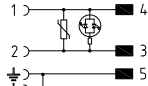
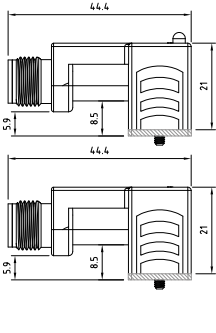
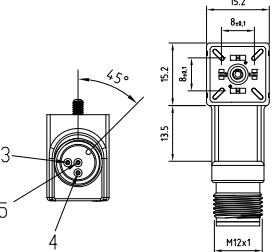
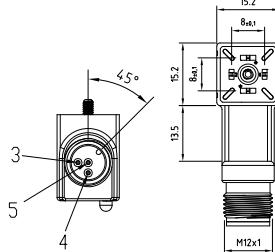
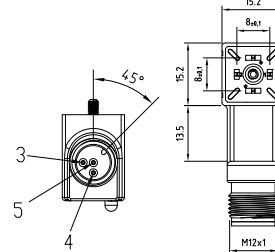
VALVE CONNECTORS

Adapters DIN valve connectors - Form C
EN175301-803(DIN43650) + M12/M8 connectors



Technical drawing				
Product description				
Connector type	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C	C
Part number	P1N02000C-08MD3	P1N02DL1C-08MD3	P1N02VL1C-08MD3	
Description	Adapter square connector EN175301-803 (form C) - M8 circular connector.	Adapter square connector EN175301-803 (form C) - M8 circular connector.	Adapter square connector EN175301-803 (form C) - M8 circular connector.	
Contacts spacing	8mm	8mm	8mm	
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	
Earth positioning	H.6-12	H.6-12	H.6-12	
Housing colour	Black	Black	Black	
Housing height	21mm	21mm	21mm	
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	
Circular connector type	M8	M8	M8	
Technical data				
Rated voltage	60V AC/DC	24V DC	24V AC/DC	
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor	
Led colour	-	Red	Red	
Central fixing screw	M2.5 L=21.5mm	M2.5 L=21.5mm	M2.5 L=21.5mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	
M8 Connector type	Straight 180°	Straight 180°	Straight 180°	
M8 contacts type	Male 3poles	Male 3poles	Male 3poles	
Number of contacts connected	n°2	n°2	n°2	
Packaging				
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	
Other accessories options				
See accessories section				
Notes:				
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour	



Technical drawing				
				
Product description				
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C	C
Part number	P1N02000C-12MD	P1N02DL1C-12MD	P1N02VL1C-12MD	P1N02VL1C-12MD
Description	Adapter square connector EN175301-803 (form C) - M12 circular connector.	Adapter square connector EN175301-803 (form C) - M12 circular connector.	Adapter square connector EN175301-803 (form C) - M12 circular connector.	Adapter square connector EN175301-803 (form C) - M12 circular connector.
Contacts spacing	8mm	8mm	8mm	8mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black	Black
Housing height	21mm	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12	M12
Technical data				
Rated voltage	60V AC/DC	24V DC	24V DC	24V DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor	Bipolar Led + Varistor
Led colour	-	Red	Red	Red
Central fixing screw	M2.5 L=21.5mm	M2.5 L=21.5mm	M2.5 L=21.5mm	M2.5 L=21.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3	n°3
Packaging				
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options				
See accessories section				
Notes:				
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour

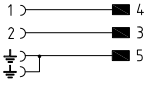
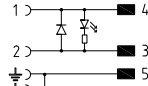
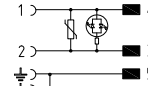
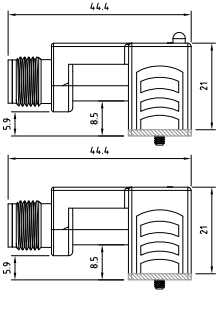
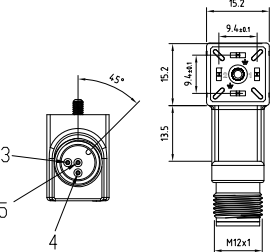
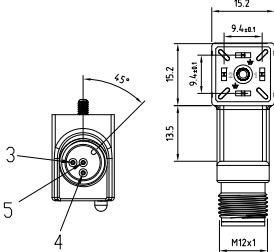
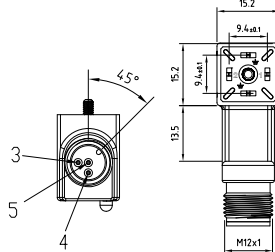
VALVE CONNECTORS

Adapters DIN valve connectors - Form C
Industrial + M12/M8 connectors



Technical drawing				
Product description		Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector
Connector type	Industrial	Industrial	Industrial	
Construction type	C	C	C	
Part number	P2N02000C-08MD3	P2N02DL1C-08MD3	P2N02VL1C-08MD3	
Description	Adapter square industrial micro connector (form C) - M8 circular connector.	Adapter square industrial micro connector (form C) - M8 circular connector.	Adapter square industrial micro connector (form C) - M8 circular connector.	
Contacts spacing	9.4mm	9.4mm	9.4mm	
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	
Earth positioning	H.6-12	H.6-12	H.6-12	
Housing colour	Black	Black	Black	
Housing height	21mm	21mm	21mm	
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	
Circular connector type	M8	M8	M8	
Technical data				
Rated voltage	60V AC/DC	24V DC	24V AC/DC	
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor	
Led colour	-	Red	Red	
Central fixing screw	M3 L=21.5mm	M3 L=21.5mm	M3 L=21.5mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	
M8 Connector type	Straight 180°	Straight 180°	Straight 180°	
M8 contacts type	Male 3poles	Male 3poles	Male 3poles	
Number of contacts connected	n°2	n°2	n°2	
Packaging				
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	
Other accessories options				
See accessories section				
Notes:		Connector available with different circuits	Connector available with different led colour	Connector available with different led colour



Technical drawing				
				
Product description				
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	Industrial	Industrial	Industrial	Industrial
Construction type	C	C	C	C
Part number	P2N02000C-12MD	P2N02DL1C-12MD	P2N02VL1C-12MD	P2N02VL1C-12MD
Description	Adapter square industrial micro connector (form C) - M12 circular connector.	Adapter square industrial micro connector (form C) - M12 circular connector.	Adapter square industrial micro connector (form C) - M12 circular connector.	Adapter square industrial micro connector (form C) - M12 circular connector.
Contacts spacing	9.4mm	9.4mm	9.4mm	9.4mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black	Black
Housing height	21mm	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12	M12
Technical data				
Rated voltage	60V AC/DC	24V DC	24V DC	24V DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor	Bipolar Led + Varistor
Led colour	-	Red	Red	Red
Central fixing screw	M3 L=21.5mm	M3 L=21.5mm	M3 L=21.5mm	M3 L=21.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3	n°3
Packaging				
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options				
See accessories section				
Notes:				
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour

VALVE CONNECTORS

Digital timer

• SPECIFICATIONS:

The Digital Timer is a product for cyclical repetition control. The load is supplied as soon as the power is switched on. The "ON" button control is used to select the ON-time valve. The "OFF" button control is used to select the OFF-time valve between the two sequential times. The sequence is repeated as long as the power supply remains connected. The "TEST" button is used to confirm the choice. Two leds and the display are used to show the TIMER's phase.

• INSTALLATION INSTRUCTIONS:

STEP 1 : The DIN connector has to be connected on the TIMER and please make sure that the gasket is correctly placed and the screw is correctly tightened (0,5 N/m).

STEP 2 : Switch ON the power.
Note: the voltage must comply with the voltage mentioned on the coil.

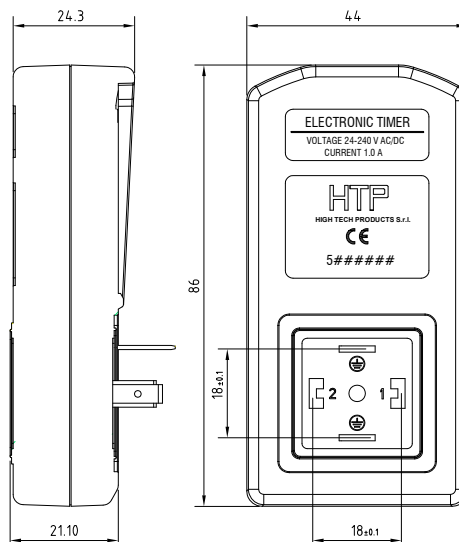
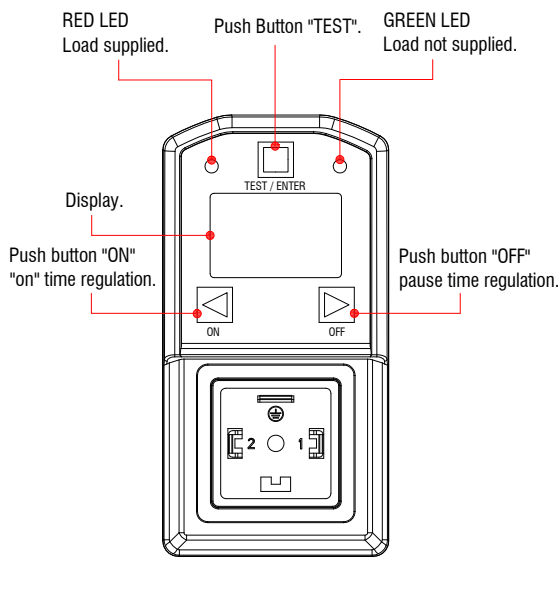
STEP 3 : When the unit is installed correctly and operative, you can change the pre-set values to whatever ranging from 0.5 sec. to 99 sec. for the ON time.
To change ON time simply press the "ON" button for 3 sec. and "sec" will start flashing on right side of the display.
The previously set ON time will appear on the display and the "on" led will be on.
You can now press the "on" button to increase the time or the "off" button to decrease the time.

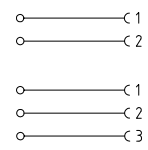
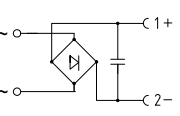
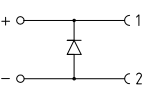
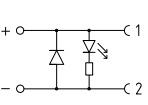
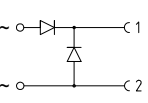
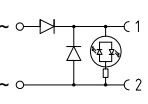
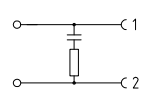
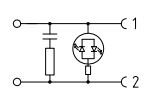
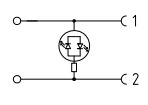
STEP 4 : Press the "Test / Enter" button to confirm your choice.

STEP 5 : You can change the pre-set values to whatever ranging from 0.5 min to 99 min. for the OFF time.
To change the OFF time simply press the 'off' button for 3 sec. and 'min' will start flashing on the right side of the display.
The previously set OFF time will appear on the display and the 'off' led will be on.
You can now press the arrow 'on' button for to increase the time or the 'off' button to decrease the time.

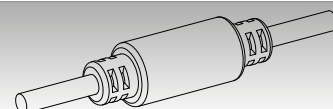
STEP 6 : Press the "test/enter" button to confirm your choice.

Product description	
Connector type	Digital Timer
Construction type	A
Part number	TIMER-DIG
Description	Digital Timer suitable for EN175301-803 connectors (type A)
Contacts spacing	18mm
Number of contacts	2poles + P.E.
Earth positioning	H.12
Housing colour	Black
Timer dimensions	44mm x 86mm x 24.3mm
Gasket type	Flat NBR gasket
Technical data	
Type of termination	Valve Connector EN175301-803 (type A) Valve Base EN175301-803 (type A)
Rated voltage	24V...240V AC/DC 50/60 Hz
Value accuracy	±10%
Max. Current	1 A
Temperature Range	- 10°C +50°C
Led colour	ON time : Red ; OFF time : Green
ON Time	From 0 sec. to 99 sec. ; step 0.5sec. From 10 sec. to 99 sec. ; step 1 sec.
OFF Time	From 0 min. to 9.5 min. ; step 0.5 min. From 10 min. to 99 min. ; step 1 min.
Central fixing screw	M3 L=55mm
Central fixing screw material	Iron+Zinc plated
Central screw torque	0.5 N*m
Material	
Housing material	ABS
Contacts material	Brass + Silver plated
Packaging	
Qty/Box	1pc / box



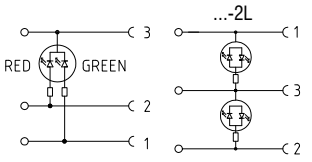
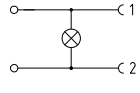
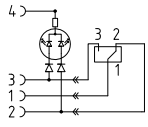
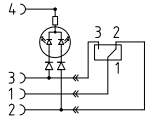
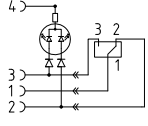
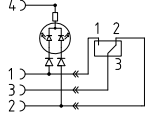
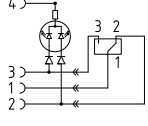
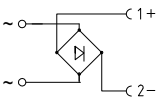
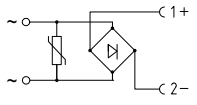
Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC / DC		250V 300V	00	-	Circuit without electronic components.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC		10-230V	CR	-	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC) and Condenser to reduce the ripple on the output.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
DC		1-230V	DO	-	Circuit with Diode to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
DC		12V 24V 48V 115V 230V	DG	Yellow	Circuit with Diode to give overvoltage protection when switching off supply and unipolar indicator Led to confirm voltage supply. Must be respected the polarity direction.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
			DL	Red			
			DV	Green			
AC		1-230V	E1	-	Circuit with Half-wave rectifier and Diode to give overvoltage protection when switching off supply.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC		12V 24V 48V 115V 230V	EG	Yellow	Circuit with Half-wave rectifier + Diode to give overvoltage protection when switching off supply and bipolar indicator Led to confirm voltage supply.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
			EL	Red			
			EV	Green			
AC / DC		10-230V	F0	-	RC decay circuit to dissipate high energies generate by highly inductive loads.	G1 - G1C G4	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
AC / DC		12V 24V 48V 115V 230V	FG	Yellow	RC decay circuit to dissipate high energies generate by highly inductive loads and bipolar indicator Led to confirm voltage supply.	G1-G1C G4	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
			FL	Red			
			FV	Green			
AC / DC		12V 24V 48V 115V 230V	L8	Yellow	Circuit with bipolar indicator Led to confirm voltage supply. Circuit without protection components.	G1-G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
			L0	Red			
			L9	Green			

* = Product available with case overmoulded on the cable.

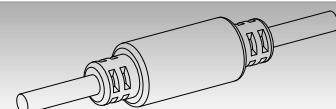


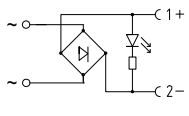
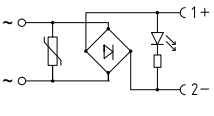
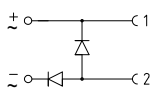
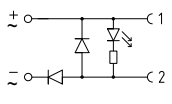
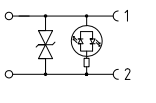
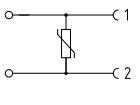
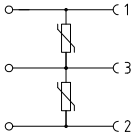
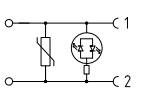
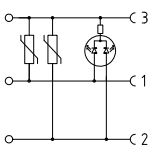
VALVE CONNECTORS

Circuits codification scheme

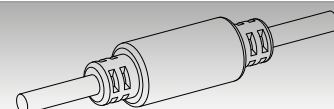
Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC / DC		12V 24V 48V 115V 230V	L2	PIN 1:Green PIN 2:Red	Circuit with n°1 bicolour indicator Led. Circuit without protection components.	G1 - G1C G4	-
			L2... -2L	Red	Circuit with n°2 bipolar indicator Leds. Circuit without protection components.		
AC / DC		12V 24V 48V 115V 230V	P0	White	Circuit with filament lamp indicator to confirm voltage supply. Circuit without protection components.	G1 - G1C G4 M1 M2	-
DC		12V 24V 48V 115V 230V	Q0	PIN 2:Red PIN 3:Green	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1-G1C G4	CG1
DC		12V 24V 48V 115V 230V	Q1	PIN 2:Yellow PIN 3:Green	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4	CG1
DC		12V 24V 48V 115V 230V	Q2	PIN 2:Green PIN 3:Yellow	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4	CG1
DC		12V 24V 48V 115V 230V	Q6	PIN 1:Green PIN 2:Red	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 G4	CG1
DC		12V 24V 48V 115V 230V	Q8	PIN 2:Green PIN 3:Red	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4	CG1
AC		1-230V	R0	-	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC). Circuit without protection components.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
AC		12V 24V 48V 115V 230V	RV	-	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC) and Varistor to give overvoltage protection when switching off supply.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*

* = Product available with case overmoulded on the cable.



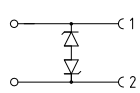
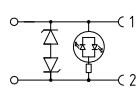
Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC		12V 24V 48V 115V 230V	RE	Red	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC) and unipolar indicator Led to confirm voltage supply. Circuit without protection components.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
AC		12V 24V 48V 115V 230V	RG	Yellow	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC) and Varistor to give overvoltage protection when switching off supply + unipolar indicator Led to confirm voltage supply.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
			RL	Red			
DC		1-230V	SO	-	Circuit with Half-wave rectifier and Diode to give overvoltage protection when switching off supply. With AC it eliminates half a cycle.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
DC		12V 24V 48V 115V 230V	SG	Yellow	Circuit with Half-wave rectifier and Diode to give overvoltage protection when switching off supply + unipolar indicator Led to confirm voltage supply. With AC it eliminates half a cycle.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
			SL	Red			
			SV	Green			
AC / DC		12V 24V 48V 115V 230V	TG	Yellow	Circuit with Transient suppressor (Transil) to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
			TL	Red			
			TV	Green			
AC / DC		12V 24V 48V 115V 230V	VO	-	Circuit with Varistor to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC / DC		12V 24V 48V 115V 230V	V2	-	Circuit with n*2 Varistors to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1 - G1C G4	CG1 CGB CP1* CP2* CP2C*
AC / DC		12V 24V 48V 115V 230V	VG	Yellow	Circuit with Varistor to give overvoltage protection when switching off supply and bipolar indicator Led to confirm voltage supply. Circuit protection component independent of polarity direction.	G1-G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
			VL	Red			
			VV	Green			
AC / DC		12V 24V 48V 115V 230V	WL	PIN 1:Yellow PIN 2:Red	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n*2 Varistors to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1-G1C G4	CG1 CGB CP1* CP2* CP2C*

* = Product available with case overmoulded on the cable.





VALVE CONNECTORS

Circuits codification scheme

Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC / DC		12V 24V 48V 115V 230V	Z2	-	Circuit with n°2 Zener diodes to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
AC / DC		12V 24V 48V 115V 230V	ZG	Yellow	Circuit with n°2 Zener diodes to give overvoltage protection when switching off supply and bipolar indicator Led to confirm voltage supply. Circuit protection component independent of polarity direction.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
			ZL	Red			
			ZV	Green			

NOTES:

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 The circuits with **Full-wave rectifier** component, are available also with 4diodes instead of only one component. Add on the standard code the suffix - 4D.
- All the circuits with diodes are standard delivered for rated current 1A, but on customer request are also available diodes for rated current 3A.
- All the circuits with unipolar or bipolar leds are standard delivered in RED colour.
- The minimum length of the cable requested between the overmoulded connector head and moulded case is 100mm.
- In case of other circuits or components are requested please contact us to verify the feasibility.

* = Product available with case overmoulded on the cable.

