

SPECIAL CONNECTORS

● **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.

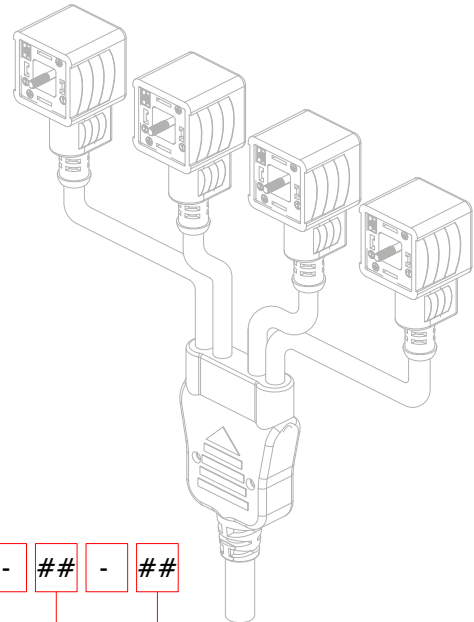
Contact material and treatment :
Brass + Silver plated.

Housing material :
Polypropylene.

Internal core material :
PA66-V2.

Protection class :
IP67.

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



CG D N 0 2 00 0 C 02 2 - ## - ##

SERIES

CG: EN175301-803 form A (18mm) only for double exit.
CG1: EN175301-803 form A (18mm).
CM1: INDUSTRIAL form B (11mm).
CM2: EN175301-803 form B (10mm).
CP1: EN175301-803 form C (8mm).
CP2: MICRO INDUSTRIAL form C (9.4mm).

EXITS

D : 2 EXITS. 3 : 3 EXITS. 4 : 4 EXITS. 5 : 5 EXITS. ...
12 : 12 EXITS.

COLOUR

N : BLACK (STANDARD).

CABLE EXIT

0 : MOULDED CABLE.

POLES No.

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

CIRCUIT TYPE

SEE CIRCUITS PAGE.

VOLTAGE

0 : 250V / 300V. 1 : 24V. 2 : 115V. 3 : 230V. 4 : 12V. 5 : 48V.

EARTH POSITION

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

MANIFOLD CABLE TYPE

2 EXITS:	B2	PVC/PVC	IEC332-1 HD5VVF	Black	0.75mm ²	4	ø7mm	-20°C / +80°C
3 EXITS:	C2	PVC/PVC	IEC332-1 HD5VVF	Black	0.75mm ²	5	ø8.3mm	-20°C / +80°C
4-5-6 EXITS:	8N	PVC/PVC	CEI2022	Black	0.34mm ²	8	ø8.3mm	-20°C / +80°C
7-8 EXITS:	4P	PUR/TPO	ULstyle 20549	Black	0.34mm ² 0.75mm ²	8 3	ø8.8mm	-25°C / +80°C
9-10-11-12-13-14-15-16 EXITS:	8P	PUR/TPO	ULstyle 20549	Black	0.34mm ² 0.75mm ²	16 3	ø10.6mm	-25°C / +80°C

CABLE LENGTH

1 : 1m A : +10cm
2 : 2m B : +20cm
3 : 3m C : +30cm
...
I : +90cm

EXAMPLE: "...CB22C" = 2.3m
"...CB22E" = 2.6m
"...CB22I" = 2.9m

CABLE LENGTH SPLITTER-CONNECTORS

NO DIGIT: 200mm. 350: 350mm ... 1000: 1000mm. ETC.

SOME VARIABLES

L : PROFILED GASKET. SS : STAINLESS STEEL SCREW. Y : WITHOUT H.T.P.LOGO. ## : CUSTOMIZED VARIABLES.

SPECIAL CONNECTORS

M8-M12 Splitter connectors - General features and codification scheme



GENERAL FEATURES:

Conductor cross section :
M8: 0.14(26AWG) ... 0.5mm²(20AWG).
M12: 0.25(24AWG) ... 0.75mm²(19AWG).

Fixing system :
 M8 / M12 coupling nut.

Max. screw torque IEC60947-1
 M8 coupling nut torque 0.4N*m.
 M12 coupling nut torque 0.6N*m.

Type of terminations :
 Crimped wires/to solder.

Contact material and treatment :
 Brass + Gold flash.

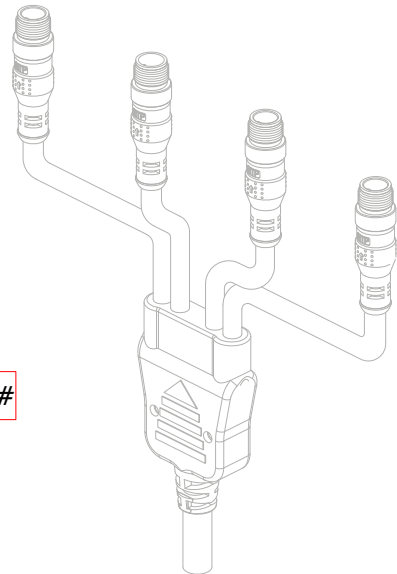
Housing material :
 Polypropylene.

Internal core material :
 PA66-V2.

Coupling nut material :
 Brass + Nickel plated.
 Stainless steel AISI304(upon request).

Protection class :
 IP67.

Operating temperature :
 -25°C +90°C.



S4 C 4 8B 1Z - A 4 - ## - ##

EXITS

S2 : 2 EXITS. S3 : 3 EXITS. S4 : 4 EXITS. S5 : 5 EXITS ...
 S12 : 12 EXITS.

SERIES

- : FREE CABLE.
A: M12 CIRCULAR CONNECTOR MALE 180°.
B: M12 CIRCULAR CONNECTOR MALE 90°.
C: M12 CIRCULAR CONNECTOR FEMALE 180°.
D: M12 CIRCULAR CONNECTOR FEMALE 90°.

NUMBERS OF POLES

3 : 3POLES. 4 : 4POLES. 8 : 8POLES. 12 : 12POLES.

MANIFOLD CABLE TYPE

2 EXITS:	B2	PVC/PVC	IEC332-1 HD5WF	Black	0.75mm ²	4	ø7mm	-20°C / +80°C
3 EXITS:	C2	PVC/PVC	IEC332-1 HD5WF	Black	0.75mm ²	5	ø8.3mm	-20°C / +80°C
4-5-6 EXITS:	8B	PVC/PVC	CEI2022	Black	0.34mm ²	8	ø8.3mm	-20°C / +80°C
7-8 EXITS:	4P	PUR/TPO	ULstyle 20549	Black	0.34mm ² 0.75mm ²	8 3	ø8.8mm	-25°C / +80°C
9-10-11-12-13-14-15-16 EXITS:	8P	PUR/TPO	ULstyle 20549	Black	0.34mm ² 0.75mm ²	16 3	ø10.6mm	-25°C / +80°C

CABLE LENGTH

1Z : 1m A : +10cm
 2Z : 2m B : +20cm
 3Z : 3m C : +30cm
 ...
 I : +90cm

EXAMPLE: "...1C" = 1.3m
 "...1F" = 1.6m
 "...2A" = 2.1m

SERIES

- : FREE CABLE.
A: M12 MALE 180°.
B: M12 MALE 90°.
C: M12 FEMALE 180°.
D: M12 FEMALE 90°.
E: M8 MALE 180°.
F: M8 MALE 90°.
G: M8 FEMALE 180°.
H: M8 FEMALE 90°.
I: M8 FEMALE 180° TOTALLY SHIELDED
J: M12 MALE 180° LED PNP.
K: M12 MALE 90° LED PNP
L: M8 MALE 180° TOTALLY SHIELDED
M: 7/8" MALE 180°.
N: 7/8" FEMALE 180°.
O: M12 FEMALE 180° LED PNP.
P: M12 FEMALE 90° LED PNP.
Q: M12 MALE 180° LED NPN.
R: M12 MALE 90° LED NPN.
S: M12 FEMALE 180° LED NPN.
T: M12 FEMALE 90° led NPN.
U: M8 MALE 180° LED PNP.
V: M8 MALE 90° LED PNP.
W: M8 FEMALE 180° LED PNP.
X: M8 FEMALE 90° LED PNP.
Y: M8 MALE 180° LED NPN.
Z: M8 MALE 90° LED NPN.
0: M12 MALE 90° TOTALLY SHIELDED.
1: DEUTSCH MALE 180°.
2: DEUTSCH FEMALE 180°.
3: DEUTSCH MALE 180° LED+DIODE.
4: DEUTSCH FEMALE 180° LED+DIODE.
5: DEUTSCH MALE 180° LED+TRANSIENT.
6: DEUTSCH FEMALE 180° LED+TRANSIENT.
7: M12 MALE 180° TOTALLY SHIELDED.
8: M12 FEMALE 180° TOTALLY SHIELDED.
9: M12 FEMALE 90° TOTALLY SHIELDED.

NUMBERS OF POLES

3 : 3POLES. 4 : 4POLES. 8 : 8POLES. 12 : 12POLES.

CABLE LENGTH SPLITTER-CONNECTORS

NO DIGIT: 200mm. 350: 350mm. ... 1000: 1000mm. ETC.

SOME VARIABLES

Y : WITHOUT H.T.P.LOGO. ##: CUSTOMIZED VARIABLES.

● **GENERAL FEATURES:**

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

Fixing system :
Central fixing screw.

Max. screw torque IEC60947-1
(Central fixing screw) :
CG1series: Max. 0.5 N * m.

Type of terminations :
To solder.

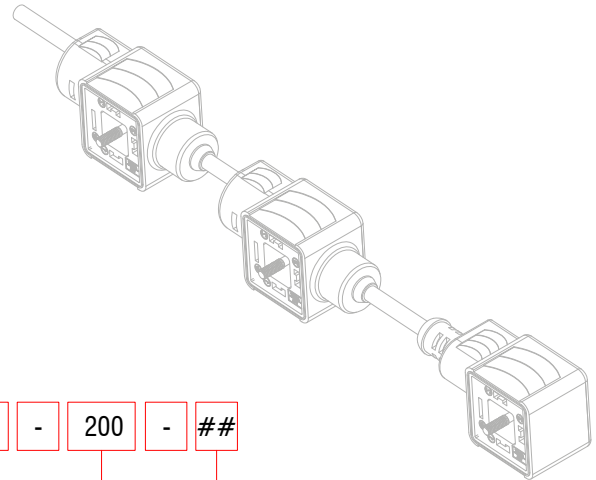
Contact material and treatment :
Brass + Silver plated.

Housing material :
Polypropylene.

Internal core material :
PA66-V2.

Protection class :
IP67

Operating temperature :
-40°C +90°C with NBR gasket.
-40°C +125°C with Silicone gasket.



CGD N 2 2 00 0 C B1 2 - 200 - ##

SERIES/EXITS

CGD: N°2 EN175301-803 connector form A (18mm).
CG13: N°3 EN175301-803 connector form A (18mm).
CG14: N°4 EN175301-803 connector form A (18mm).
...
CG16: N°6 EN175301-803 connector form A (18mm.)

COLOUR

N : BLACK (STANDARD).

DIN IN LINE

POLES No.

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

CIRCUIT TYPE

SEE CIRCUITS PAGE.

VOLTAGE

0 : 250V / 300V. 1 : 24V. 2 : 115V. 3 : 230V. 4 : 12V. 5 : 48V.

EARTH POSITION

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

MANIFOLD CABLE TYPE

2 EXITS:	B1	PVC/PVC	IEC332-1 HD5VVF	Black	0.5mm ²	4	ø6mm	-20°C / +80°C
3 EXITS:	B1	PVC/PVC	CEI2022HOR	Black	0.5mm ²	5	ø6mm	-20°C / +80°C
4-5-6 EXITS:	B-8	PVC/PVC	CEI2022	Black	0.34mm ²	6	ø6.5mm	-20°C / +80°C

CABLE LENGTH

1 : 1m A : +10cm
2 : 2m B : +20cm
3 : 3m C : +30cm
...
I : +90cm

EXAMPLE: "...2C" = 2.3m
"...2F" = 2.6m"
"...2I" = 2.9m"

- NO DIGIT : DUAL DIN WITH M12 EXIT MALE CONNECTOR 3P. (WITHOUT MANIFOLD CABLE).

CABLE LENGTH CONNECTOR-CONNECTOR

200: 200mm (STANDARD) 350: 350mm ... 1000: 1000mm ETC.

SOME VARIABLES

L : PROFILED GASKET. SS : STAINLESS STEEL SCREW. Y : WITHOUT H.T.P.LOGO.
M12 : DUAL DIN WITH M12 EXIT MALE CONNECTOR 3P. (WITHOUT MANIFOLD CABLE).
: CUSTOMIZED VARIABLES.

SPECIAL CONNECTORS

Valve chain connectors - General features and codification scheme



GENERAL FEATURES:

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

Housing material :
Polypropylene.

Fixing system :
Central fixing screw.

Internal core material :
PA66-V2.

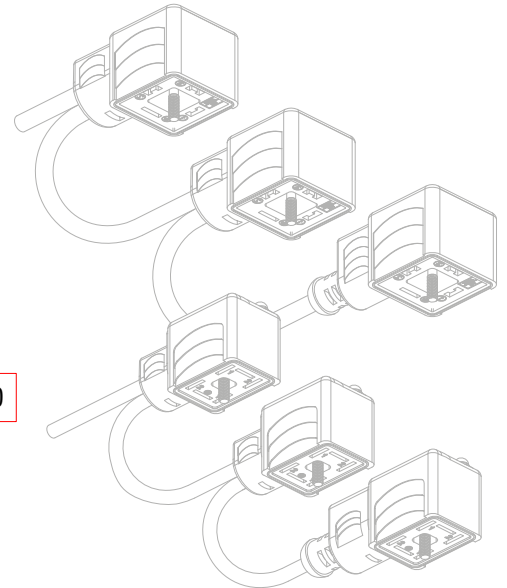
Max. screw torque IEC60947-1
(Central fixing screw) :
CG1E-CM1E-CM2E series: Max. 0.5 N * m.

Protection class :
IP67.

Type of terminations :
To solder.

Operating temperature :
-40°C +90°C with NBR gasket.
-40°C +125°C with Silicone gasket.

Contact material and treatment :
Brass + Silver plated.



CG1E 2 N 0 2 00 0 C B1 2 - 200

SERIES

CG1E : EN175301-803 form A (18mm) IN CHAIN.
CM1E : INDUSTRIAL form B (11mm) IN CHAIN.
CM2E : EN175301-803 form B (10mm) IN CHAIN.

EXITS

2 : 2 EXITS. 3 : 3 EXITS. 4 : 4 EXITS.
5 : 5 EXITS. 6 : 6 EXITS.

COLOUR

N : BLACK (STANDARD).

CABLE EXIT

0 : MOULDED CABLE

POLES No.

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

CIRCUIT TYPE

SEE CIRCUITS PAGE.

VOLTAGE

0 : 250V / 300V. 1 : 24V. 2 : 115V. 3 : 230V. 4 : 12V. 5 : 48V.

EARTH POSITION

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

MANIFOLD CABLE TYPE

2 EXITS:

B1	PVC/PVC	IEC332-1 HD5VVF	Black	0.5mm ²	4	ø6mm	-20°C / +80°C
----	---------	-----------------	-------	--------------------	---	------	---------------

3 EXITS:

B1	PVC/PVC	CEI2022IOR	Black	0.5mm ²	5	ø6mm	-20°C / +80°C
----	---------	------------	-------	--------------------	---	------	---------------

4-5-6 EXITS:

B-8	PVC/PVC	CEI2022	Black	0.34mm ²	6	ø6.5mm	-20°C / +80°C
-----	---------	---------	-------	---------------------	---	--------	---------------

CABLE LENGTH

1 : 1m A : +10cm
2 : 2m B : +20cm
3 : 3m C : +30cm
...
I : +90cm

EXAMPLE: "...2C" = 2.3m
"...2F" = 2.6m
"...2I" = 2.9m

CABLE LENGTH CONNECTOR-CONNECTOR

200: 200mm (STANDARD), 350: 350mm ... 1000: 1000mm. ETC.

SOME VARIABLES

L : PROFILED GASKET. SS : STAINLESS STEEL SCREW. Y : WITHOUT H.T.P.LOGO. ## : CUSTOMIZED VARIABLES.

GENERAL FEATURES:

Conductor cross section :

M8: 0.25(24AWG) ... 0.5mm²(20AWG).
M12: 0.25(24AWG) ... 0.75mm²(19AWG).
DIN: 0.5mm²(20AWG).. 0.75mm²(19AWG).

M12 Y Fixing system :
M12 coupling nut.

Max. screw torque IEC60947-1

M8 coupling nut torque 0.2 N * m.
M12 coupling nut torque 0.4 N * m.
(Central fixing screw) :
CG1-CM1-CM2-CP2 series: Max. 0.5 N * m.
CP1 series: Max. 0.4 N * m.

M12 Y- Contact material and treatment :
Brass + Gold flash.

M12 Y - Housing material :
Polypropylene.

M12 Y - Internal core material :
PA66-V2.

M12 Y - Coupling nut material :
Brass+ Nickel plated.
Stainless steel AISI304(upon request).

Protection class :
IP67.

Operating temperature :
-25°C +90°C.

Circuit type :
Parallel.
Shunting.



SERIES

A: M12 circular connector male 180°.
C: M12 circular connector female 180°.

NUMBERS OF POLES

3 : 3POLES. 4 : 4POLES. 8 : 8POLES. 12 : 12POLES.

CABLE TYPE

- : FREE CABLE
A: PVC/PVC CEI2022 3X0.25mm² BLACK.
B: PVC/PVC CEI2022 3X0.34mm² BLACK.
N: PVC/PVC CEI2022 3X0.25mm² GREY RAL7032.
L: PVC/PVC CEI2022 3X0.34mm² GREY RAL7032.
C: PUR/PUR 3X0.25mm² BLACK.
D: PUR/PUR 3X0.34mm² BLACK.
01: PVC/PVC IEC332-1 H03VVF 3G0.5mm² BLACK.
04: PVC/PVC CEI2022IIR 3G0.5mm² GREY RAL7032.
09: PUR/PUR 3G0.75mm² BLACK.

CABLE LENGTH

1Z : 1m A : +10cm
2Z : 2m B : +20cm
3Z : 3m C : +30cm
...
I : +90cm

EXAMPLE: "...1C" = 1.3m
 "...1E" = 1.6m
 "...2A" = 2.1m

SERIES

- : FREE CABLE.
A: M12 MALE 180°.
B: M12 MALE 90°.
C: M12 FEMALE 180°.
D: M12 FEMALE 90°.
E: M8 MALE 180°.
F: M8 MALE 90°.
G: M8 FEMALE 180°.
H: M8 FEMALE 90°.
I: M8 FEMALE 180° TOTALLY SHIELDED.
J: M12 MALE 180° LED PNP.
K: M12 MALE 90° LED PNP.
L: M8 MALE 180° TOTALLY SHIELDED.
O: M12 FEMALE 180° LED PNP.
P: M12 FEMALE 90° LED PNP.
Q: M12 MALE 180° LED PNP.
R: M12 MALE 90° LED NPN.
S: M12 FEMALE 180° LED NPN.
T: M12 FEMALE 90° LED NPN.
U: M8 MALE 180° LED PNP.
V: M8 MALE 90° LED PNP.
W: M8 FEMALE 180° LED PNP.
X: M8 FEMALE 90° LED PNP.
Y: M8 MALE 180° LED NPN.
Z: M8 MALE 90° LED NPN.
0: MICRO INDUSTRIAL form C (9.4mm) LED+VDR.
1: EN175301-803 form A (18mm).
2: EN175301-803 form A (18mm) LED+VDR.
3: INDUSTRIAL form B (11mm).
4: INDUSTRIAL form B (11mm) LED+VDR.
5: EN175301-803 form B (10mm).
6: EN175301-803 form B (10mm) LED+VDR.
7: EN175301-803 form C (8mm).
8: EN175301-803 form C (8mm) LED+VDR.
9: MICRO INDUSTRIAL form C (9.4mm).

NUMBERS OF POLES (M8-M12)

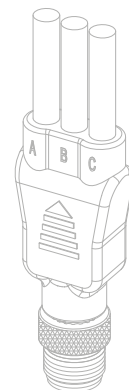
3 : 3POLES. 4 : 4POLES. 8 : 8POLES. 12 : 12POLES.

RATED VOLTAGE (DIN conn.)

A : 24V. B : 115V. C : 230V. D : 12V. E : 48V.

SOME VARIABLES

Y : WITHOUT H.T.P.LOGO. ##: CUSTOMIZED VARIABLES.



SPECIAL CONNECTORS
Customized products



WE CAN PRODUCE CUSTOMIZED PRODUCTS IN CONFORMITY WITH CUSTOMER'S REQUIREMENTS; MULTIPLE CONNECTORS CAN BE RANGE FROM 2 UP TO 16 CONNECTORS.

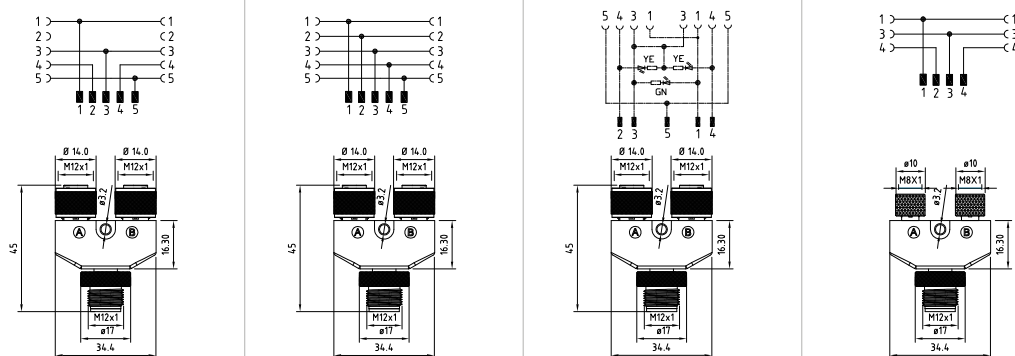


SPECIAL CONNECTORS
Customized products





Technical drawing



Product description

Connector type	Y splitter connector	Y splitter connector	Y splitter connector	Y splitter connector
Conforms to	-	-	-	-
Construction type	M12 A -Coding	M12 A -Coding	M12 A -Coding	M12 A -Coding / M8 A-coding
Part number	12T34000	12T35000	12T45000	12T308F
Description	M12 Y splitter connector with SHUNTING circuit	M12 Y splitter connector with PARALLEL circuit	M12 Y splitter connector with 3 LED, PNP circuit	M12 Y splitter connector with N.2 M8 conn. with SHUNTING circuit
Contacts type	Side A	M12 Female	M12 Female	M12 Female
	Side B	M12 Female	M12 Female	M12 Female
	INPUT side	M12 Male	M12 Male	M12 Male
Number of contacts	Side A	4poles	5poles	4poles
	Side B	4poles	5poles	4poles
	INPUT side	5poles	5poles	5poles
Housing colour	Black	Black	Transparent	Black

Technical data

Housing material	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Coupling nut type	Knurl round	Knurl round	Knurl round	Knurl round
Coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
Internal core material	PA66-V2	PA66-V2	PA66-V2	PA66-V2
M12 coupling nut torque	0.4 N*m	0.4 N*m	0.4 N*m	M12: 0.4 N*m / M8: 0.2N*m
Circuit type	Shunting	Parallel	3 LED PNP	Shunting
Rated voltage	60V AC/DC	60V AC/DC	24V AC/DC	60V AC/DC
Rated current	4A	4A	4A	3A
O-ring material	NBR	NBR	NBR	NBR
Fixing type	no. 1 fixing hole	no. 1 fixing hole	no. 1 fixing hole	no. 1 fixing hole
Fixing hole diameter	ø 3.20mm	ø 3.20mm	ø 3.20mm	ø 3.20mm

Packaging

Qty/Bag	1 pc / bag	1 pc / bag	1 pc / bag	1 pc / bag
---------	------------	------------	------------	------------

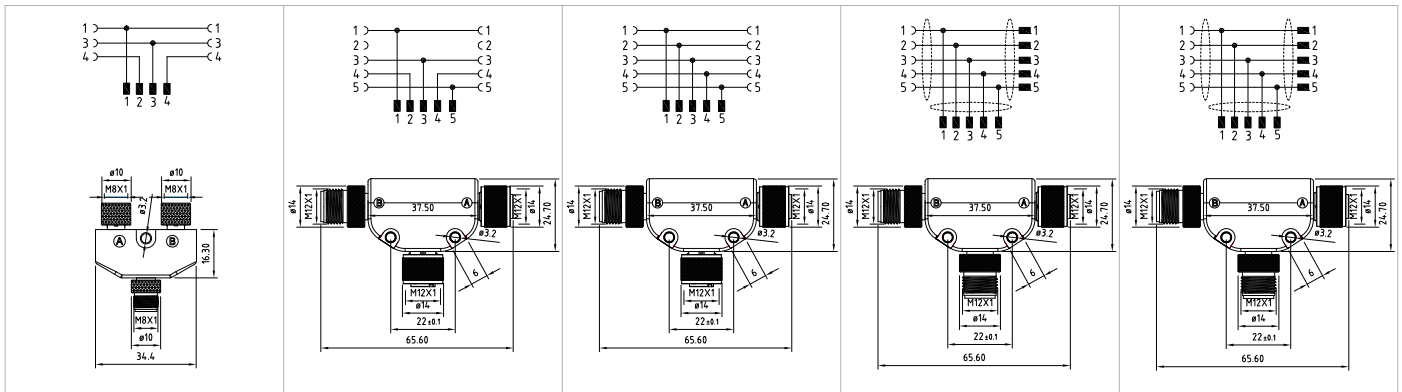
Other accessories options

See accessories section

Notes:

SPECIAL CONNECTORS

M8-M12 Y SPLITTER connectors



Product description

Y splitter connector	TT splitter connector	TT splitter connector	TT splitter connector	TT splitter connector
-	-	-	-	-
M8 A -Coding / M8 A-coding	M12 A -Coding	M12 A -Coding	M12 A -Coding	M12 B -Coding
08T34000	12TT34000	12TT35000	12TTJ35000-360	B-12TTJ35000-360
M8 Y splitter connector with SHUNTING circuit	M12 TT splitter connector with SHUNTING circuit	M12 TT splitter connector with PARALLEL circuit	M12 TT splitter connector TOTALLY SHIELDED with PARALLEL circuit.	M12 TT splitter connector TOTALLY SHIELDED with PARALLEL circuit.
M8 Female	M12 Female	M12 Female	M12 Male	M12 Male
M8 Female	M12 Male	M12 Male	M12 Female	M12 Female
M8 Male	M12 Female	M12 Female	M12 Male	M12 Male
3poles	4poles	5poles	5poles	5poles
3poles	4poles	5poles	5poles	5poles
4poles	5poles	5poles	5poles	5poles
Black	Black	Black	Black	Black

Technical data

Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Brass + Gold flash	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Knurl round	Knurl round	Knurl round	Knurl round	Knurl round
Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
PA66-V2	PA66-V2	PA66-V2	PA66-V2	PA66-V2
0.2 N*m	0.4 N*m	0.4 N*m	0.4 N*m	0.4 N*m
Shunting	Shunting	Parallel	Parallel	Parallel
60V AC/DC	60V AC/DC	60V AC/DC	60V AC/DC	60V AC/DC
4A	4A	4A	4A	4A
NBR	NBR	NBR	NBR	NBR
no. 2 fixing holes	no. 2 fixing holes	no. 2 fixing holes	no. 2 fixing holes	no. 2 fixing holes
ø 3.20mm	ø 3.20mm	ø 3.20mm	ø 3.20mm	ø 3.20mm

Packaging

	1 pc / bag	1 pc / bag	1 pc / bag	1 pc / bag
--	------------	------------	------------	------------

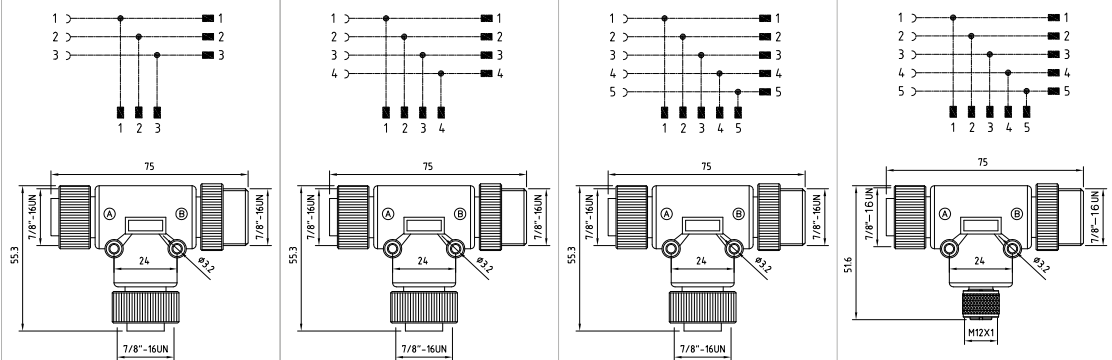
Other accessories options

See accessories section

Notes:



Technical drawing



Product description

Connector type	T splitter connector	T splitter connector	T splitter connector	T splitter connector	
Conforms to	-	-	-	-	
Construction type	7/8"-16 UN	7/8"-16 UN	7/8"-16 UN	7/8"-16 UN	
Part number	78T73000	78T74000	78T75000	78T76000	
Description	T splitter connector 7/8"-16 UN with PARALLEL circuit	T splitter connector 7/8"-16 UN with PARALLEL circuit	T splitter connector 7/8"-16 UN with PARALLEL circuit	T splitter connector 7/8"-16 UN with M12, PARALLEL circuit	
Contacts type	Side A	7/8" Female	7/8" Female	7/8" Female	
	Side B	7/8" Male	7/8" Male	7/8" Male	
	INPUT side	7/8" Female	7/8" Female	7/8" Female	M12 Female
Number of contacts	Side A	3poles	4poles	5poles	5poles
	Side B	3poles	4poles	5poles	5poles
	INPUT side	3poles	4poles	5poles	5poles
Housing colour	Black	Black	Black	Black	

Technical data

Housing material	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Coupling nut type	Knurl round	Knurl round	Knurl round	Knurl round
Coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
Internal core material	PVC	PVC	PVC	7/8": PVC ; M12: PA66-V2
7/8" coupling nut torque	0.8 N*m	0.8 N*m	0.8 N*m	7/8": 0.8 N*m ; M12: 0.4n*m
Circuit type	Parallel	Parallel	Parallel	Parallel
Rated voltage	250V AC / DC	250V AC / DC	250V AC / DC	30V AC / 36V DC
Rated current	12A	9A	9A	4A
O-ring material	-	-	-	NBR
Fixing type	no. 2 fixing holes	no. 2 fixing holes	no. 2 fixing holes	no. 2 fixing holes
Fixing hole diameter	ø 3.20mm	ø 3.20mm	ø 3.20mm	ø 3.20mm

Packaging

Qty/Bag	1 pc / bag	1 pc / bag	1 pc / bag	1 pc / bag
---------	------------	------------	------------	------------

Other accessories options

See accessories section

Notes:

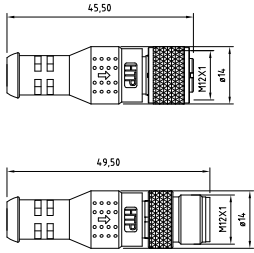
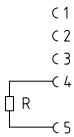
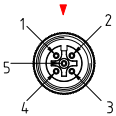

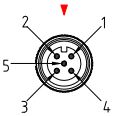
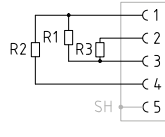
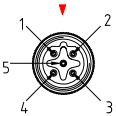
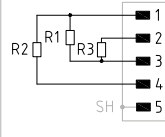
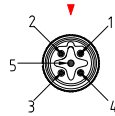
SPECIAL CONNECTORS

M8-M12 Adapter connectors



Technical drawing					
Product description					
Connector type		Adapter connector	Adapter connector	Adapter connector	Adapter connector
Conforms to		-	-	-	-
Construction type		M12 A -Coding	M12 A -Coding	M12 A -Coding	M12 A -Coding
Part number		08FD3-12MD3	08FD4-12MD4	12FD5-12FD5	12MD5-12MD5
Description		M8-M12 Adapter connector Female-Male	M8-M12 Adapter connector Female-Male	M12-M12 Adapter connector Female-Female	M12-M12 Adapter connector Male-Male
Contacts type	Side A	M8 Female	M8 Female	M12 Female	M12 Male
	Side B	M12 Male	M12 Male	M12 Female	M12 Male
Number of contacts	Side A	3poles	4poles	5poles	5poles
	Side B	3poles	4poles	5poles	5poles
Housing colour		Black	Black	Black	Black
Technical data					
Housing material		Polypropylene	Polypropylene	Polypropylene	Polypropylene
Contacts material		Brass + Gold flash	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Coupling nut type		Knurl round	Knurl round	Knurl round	Knurl round
Coupling nut material		Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
Internal core material		PA66-V2	PA66-V2	PA66-V2	PA66-V2
Coupling nut torque		M12: 0.4 N*m M8: 0.2 N*m	M12: 0.4 N*m M8: 0.2 N*m	0.4 N*m	0.4 N*m
Circuit type		Parallel	Parallel	Parallel	Parallel
Rated voltage		50V AC/60V DC	50V AC/60V DC	60V AC/DC	60V AC/DC
Rated current		3A	3A	4A	4A
O-ring material		NBR	NBR	NBR	NBR
Fixing type		no. 2 fixing holes	no. 2 fixing holes	no. 2 fixing holes	no. 2 fixing holes
Fixing hole diameter		ø 3.20mm	ø 3.20mm	ø 3.20mm	ø 3.20mm
Packaging					
Qty/Bag		1pc/Bag	1pc/Bag	1pc/Bag	1pc/Bag
Other accessories options					
See accessories section					
Notes:					



Technical drawing				
	 	 	 	 

Product description

Connector type	Circular terminator connector	Circular terminator connector	Circular terminator connector	Circular terminator connector
Conforms to	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101
Construction type	M12 A -Coding	M12 A -Coding	M12 B -Coding	M12 B -Coding
Description	Terminator circular connector M12 series	Terminator circular connector M12 series	Terminator circular connector M12 series	Terminator circular connector M12 series
Part number	12FD5000-TERM	12MD5000-TERM	B-12FJ5000-TERM	B-12MJ5000-TERM
Housing type	Straight 180°	Straight 180°	Straight 180°	Straight 180°
Cable gland	-	-	-	-
Contacts type	Female	Male	Female	Male
Number of contacts	5poles	5poles	5poles	5poles
Housing colour	Black	Black	Black	Black

Technical data

Type of termination	Contacts to crimp wires	Contacts to crimp wires	Contacts to crimp wires	Contacts to crimp wires
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Coupling nut type	Knurl round	Knurl round	Knurl round	Knurl round
M12 coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
M12 coupling nut torque	0.4 N*m	0.4 N*m	0.4 N*m	0.4 N*m
Rated voltage	60V AC/DC	60V AC/DC	60V AC/DC	60V AC/DC
Rated current	4A	4A	4A	4A
Resistance value	120Ω	120Ω	R1: 220Ω R2: 330Ω R3: 330Ω	R1: 220Ω R2: 330Ω R3: 330Ω
O-ring material	NBR	-	NBR	-

Packaging

Qty/Bag	100 pcs / bag	100 pcs / bag	100 pcs / bag	100 pcs / bag
---------	---------------	---------------	---------------	---------------

Other accessories options

See accessories section

Notes: