

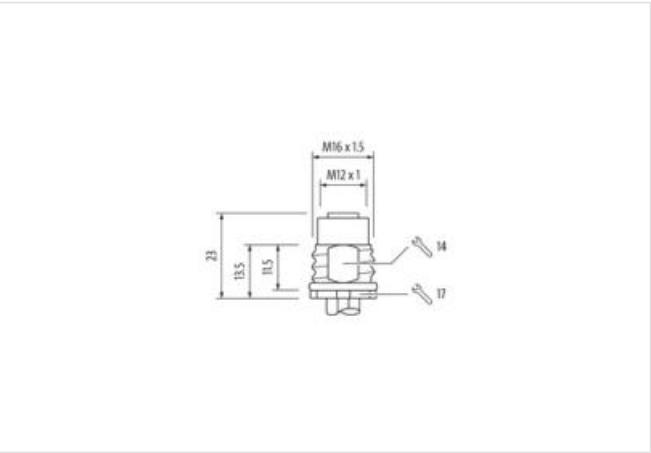
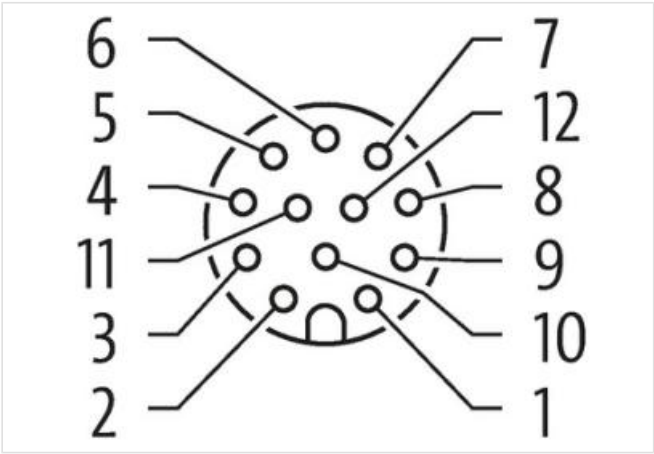
M12 female recept. A-cod. rear

TPE-wires 12x0.14 0.5m

Flange female  
M12, 12-pole  
Rear mounting  
with multi-strand wire

Link to Product

Illustration



Product may differ from Image



Cable length	0,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated

Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	Brass
No. of poles	12
Degree of protection (EN IEC 60529)	IP67

**Side 2**

Coating contact	gold plated
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**Commercial data**

ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879332521
Packaging unit	1

**Electrical data | Supply**

Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	1,5 A

**Diagnostics**

Status indication LED	no
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**Installation | Connection**

Mounting set	M16 x 1.5
Width across flats	SW19

**Device protection | Electrical**

Protection NEMA	3, 4, 6P
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

**Mechanical data | Material data**

Coating locking	nickel plated
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Brass
Material screw connection	Brass

**Mechanical data | Mounting data**

Mounting method	inserted, screwed
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**Environmental characteristics | Climatic**

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

**Important installation notes**

Note on strain relief      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

Note on bending radius      **Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

#### Approvals

UL 50E      yes

#### Installation | Cable

wire arrangement      brown, blue, white, green, pink, yellow, black, gray, red, violet, gray-pink, red-blue

Cable identification      979

wire arrangement      brown, blue, white, green, pink, yellow, black, gray, red, violet, gray-pink, red-blue

Material wire insulation      PP

Amount wires      12

Outer diameter insulation      1,25 mm

Outer diameter tolerance core insulation      ± 5 %

Conductor crosssection (wire)      0,14 mm<sup>2</sup>

Min. operating temperature (static)      -40 °C

Max. operating temperature (fixed)      85 °C

Operating temperature min. (dynamic)      -25 °C

Operating temperature max. (dynamic)      85 °C

Flame resistance      IEC 60332-2-2 | UL 1581 § 1090 | UL 1581 § 1100 FT2

chemical resistance      Good, application-related testing

Gasoline resistance      Good, application-related testing

Oil resistance      DIN EN 60811-404 | Good, application-related testing

Bending radius (fixed)      5 x Outer diameter

Bending radius (dynamic)      15 x Outer diameter