

M12 female recept. A-cod. front incl. nut

TPE-wires 12x0.14 0.2m

Art.No.: 7000-19182-9790020

Weight: 0.026

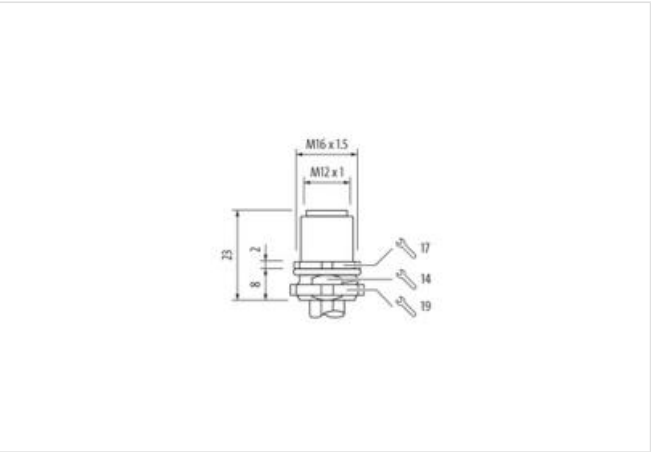
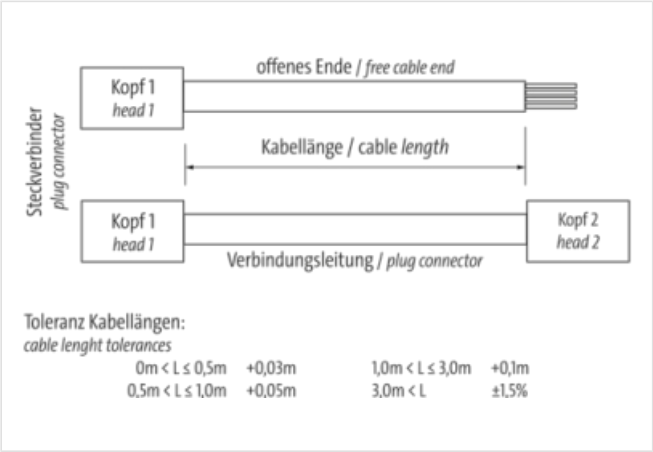
Country of origin: DE

Model designation: MSBFV-12E979\_0.2

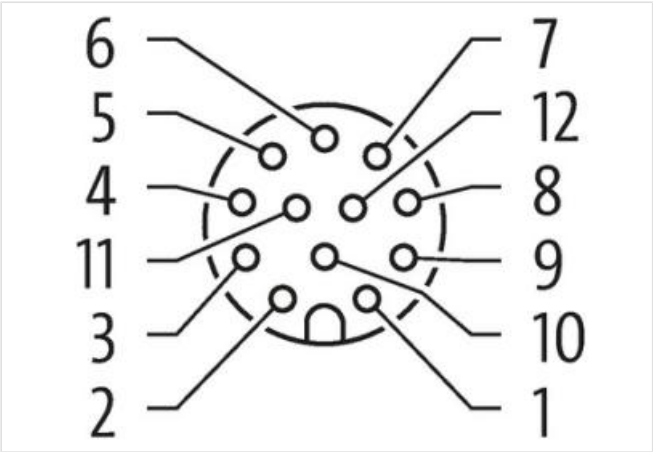
Flange female  
M12, 12-pole  
Front mounting  
with multi-strand wire

Link to Product

Illustration



Product may differ from Image



Cable length 0,2 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	Zinc die-casting
No. of poles	12
Width across flats	SW14
Degree of protection (EN IEC 60529)	IP67

**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
customs tariff number	85444290
GTIN	4048879553643
GTIN	4048879553643
Packaging unit	1
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**

Degree of protection (EN IEC 60529)	IP67
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**

Contour for corrugated hose	without
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**Mechanical data | Material data**

Material housing	Zinc die-casting
Coating locking	Nickel
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting

Material screw connection      Zinc die-casting

#### Mechanical data | Mounting data

Mounting method      inserted, screwed

#### 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.

#### Conformity

Product standard      DIN EN 61076-2-101 (M12)

#### 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