

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

PUR-wires 5x0.34 0.2m

Art.No.: 7000-13562-9720020

Weight: 0.018 kg

Country of origin: DE

Model designation: MSBFV-U972\_0.2

Flange female

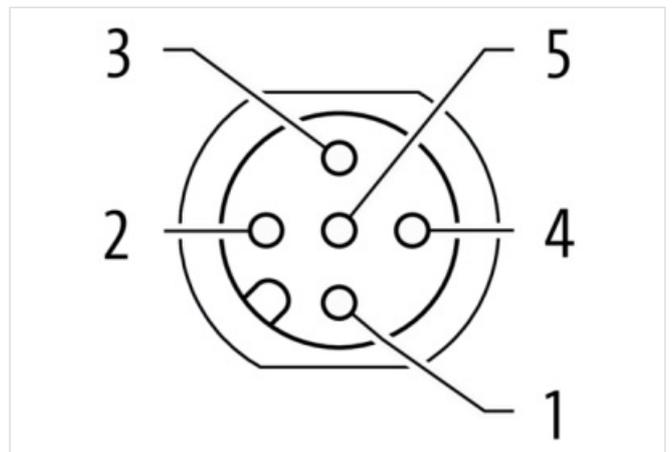
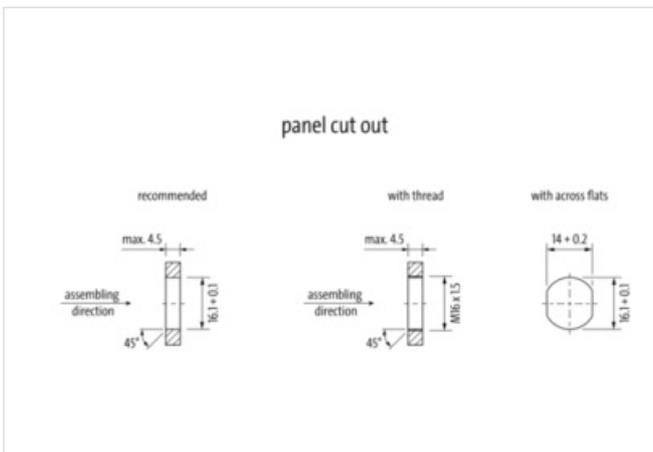
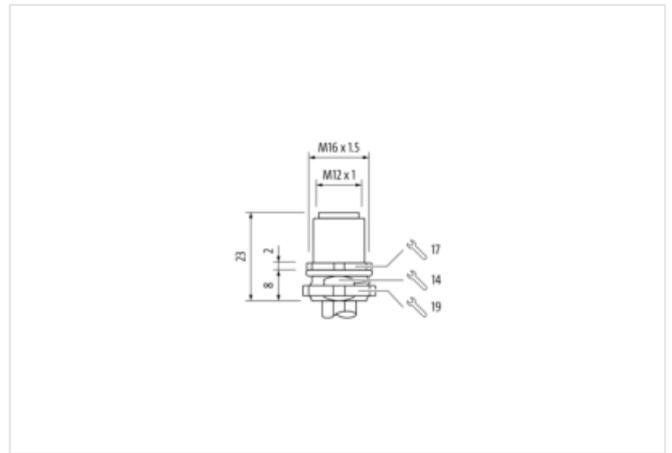
M12, 5-pole

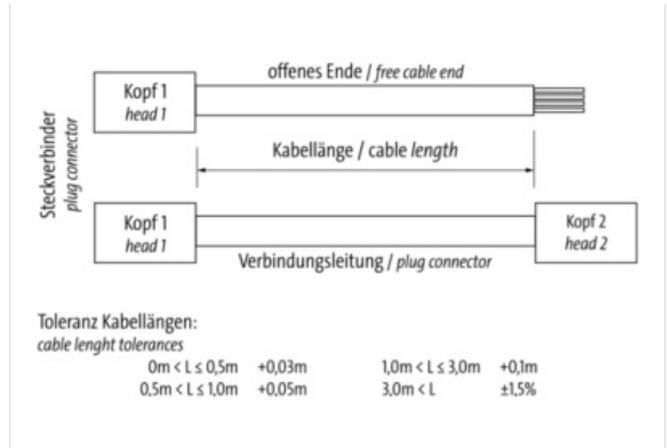
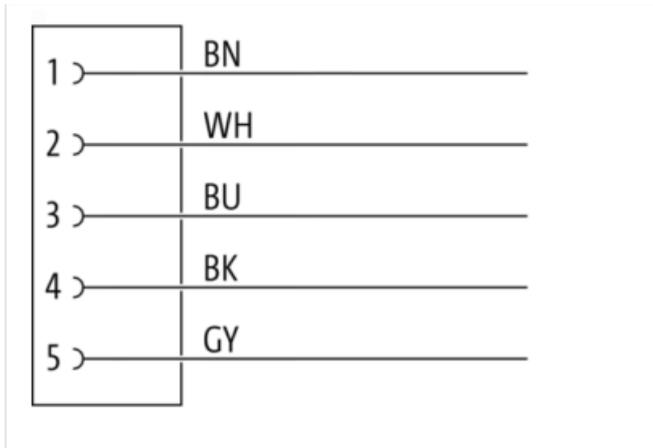
Front mounting

with multi-strand wire

[Link to Product](#)

**Illustration**





Product may differ from Image



Cable length 0,20 m

**Side 1**

Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Mounting method	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Material	Zinc die-casting
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/7000-13562-9720020">https://shop.murrelektronik.com/7000-13562-9720020</a>
customs tariff number	85444290
EAN	4048879494113
Packaging unit	1

**Electrical data | Supply**

Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Current operating per contact max.	4 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	6P, 4, 3
Additional condition protection degree	inserted, screwed
Pollution Degree	3

Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
<b>Mechanical data</b>	
Contour for corrugated hose	without
<b>Mechanical data   Material data</b>	
Coating housing	nickel plated
Screw connection	Zinc die-casting
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Coating locking	Nickeled
Gasket	FKM
<b>Mechanical data   Mounting data</b>	
Mounting method	Schraubgewinde
Looking techniques	Schraubgewinde
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
<b>Important installation notes</b>	
Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
<b>Conformity</b>	
Product standard	EN IEC 61076-2-101 (M12)
<b>Approvals</b>	
UL 50E	Yes
<b>Temperature range   Cable</b>	
Cable identification	972
Wire arrangement	brown, white, blue, black, gray
Cable weight	38 g/m
Material wire insulation	PUR
Amount wires	5
Outer diameter insulation	1,3 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	copper stranded wire, tinned
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor type (wire)	Strand class 5
Conductor resistance (wire)	58 Ω/km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	1.5 kV
Withstand voltage (wire - jacket)	1.5 kV
Operating temperature min. (static)	-40 °C
Operating temperature (static)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature (dynamic)	90 °C