

**M12 female recept. A-cod. rear**

PUR-wires 5x0.34 0.5m

Art.No.: 7000-13565-9720050

Weight: 0.025 kg

Country of origin: DE

Model designation: MSBFH-U972\_0.5

Flange female

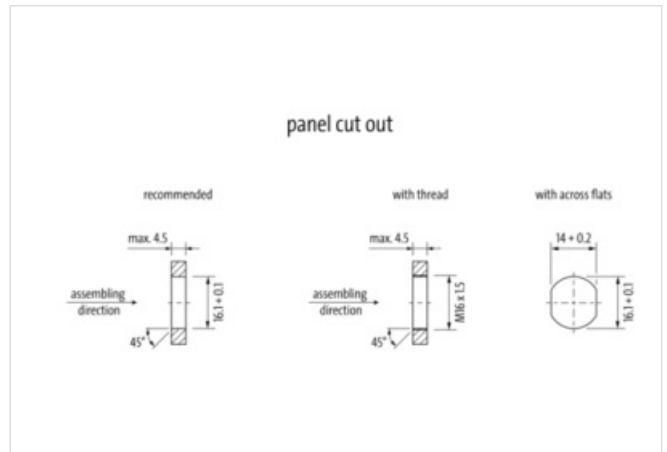
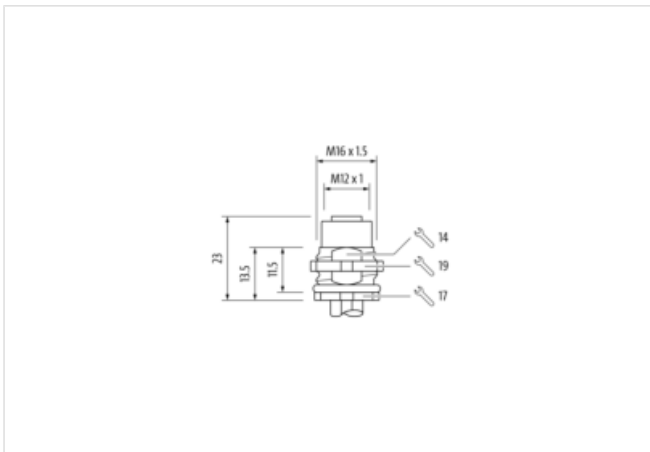
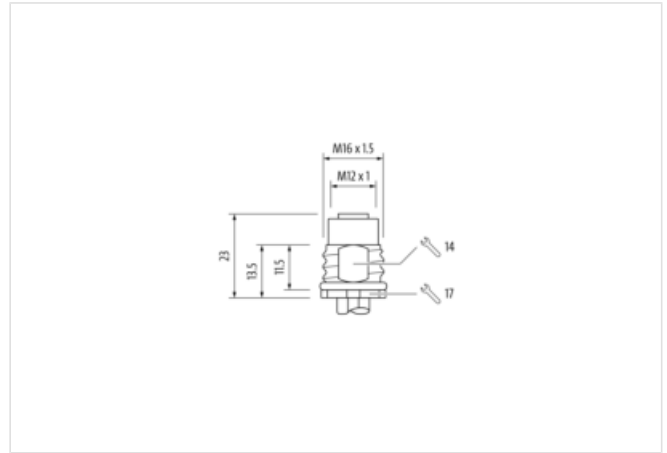
M12, 5-pole

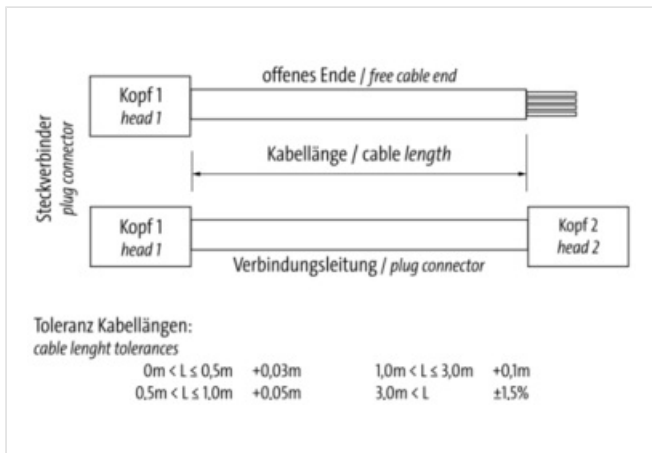
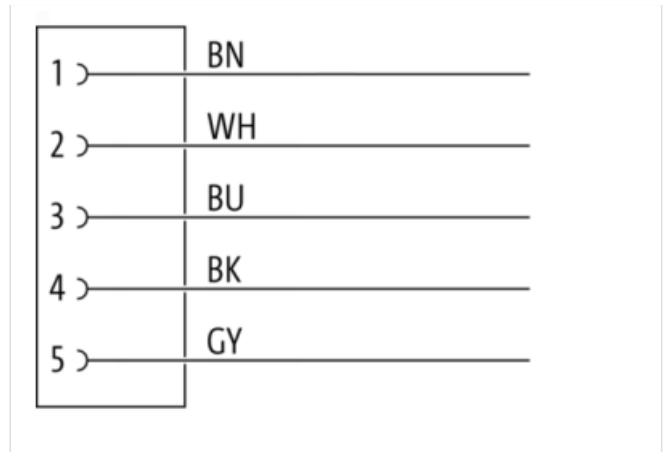
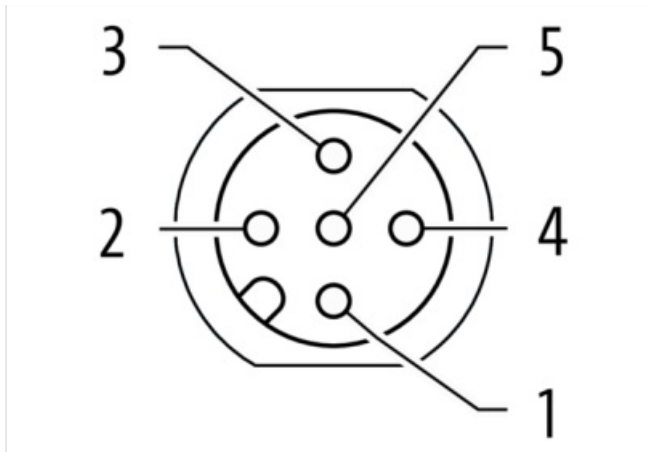
Rear mounting

with multi-strand wire

[Link to Product](#)

**Illustration**





Product may differ from image



Cable length 0,50 m

<b>Side 1</b>	
Family construction form	M12
Coding	A
Gender	female
Mounting method	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Material	Brass
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67
<b>Commercial data</b>	
URL Webshop	<a href="https://shop.murrelektronik.com/7000-13565-9720050">https://shop.murrelektronik.com/7000-13565-9720050</a>
customs tariff number	85444290
EAN	4048879330268
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
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
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Coating housing	nickel plated
Material screw connection	Brass
Coating of fitting	nickel plated
Locking material	Brass
Coating locking	nickel plated
Material gasket	FKM
Mechanical data   Mounting data	
Mounting method	Schraubgewinde
Looking techniques	Schraubgewinde
Environmental characteristics   Climatic	
Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
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.
Conformity	
Product standard	EN IEC 61076-2-101 (M12)
Approvals	
UL 50E	Yes
Temperature range   Cable	
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
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	copper stranded wire, tinned

Conductor type (wire)	Strand class 5
Conductor resistance (wire)	58 $\Omega$ /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 max. (static)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C