

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

PUR-wires 8x0.25 1m

Art.No.: 7000-17185-9730100

Weight: 0.050 kg

Country of origin: DE

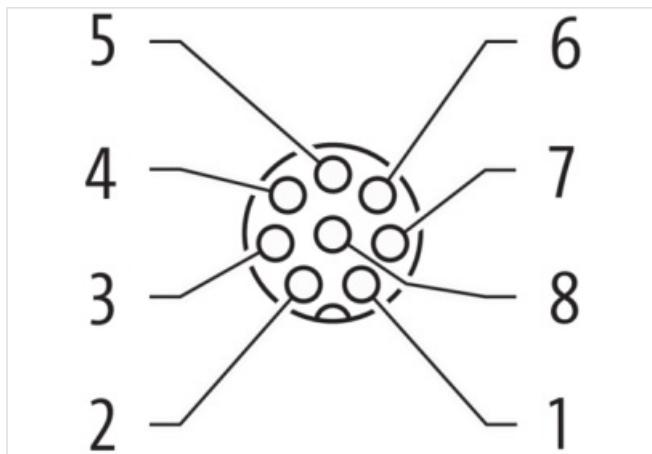
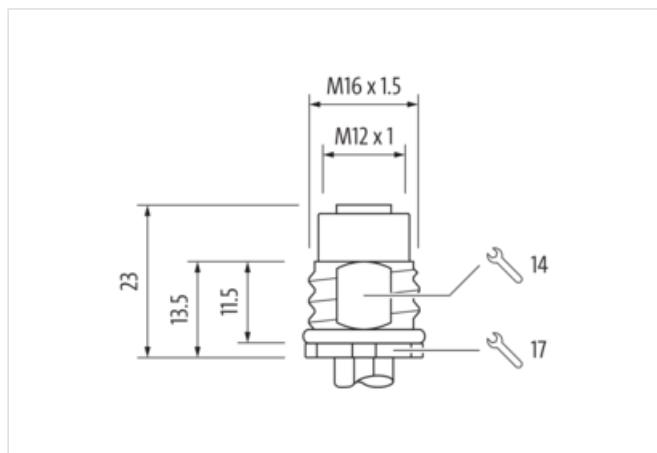
Model designation: MSBFH-08D973\_1.0

Flange female

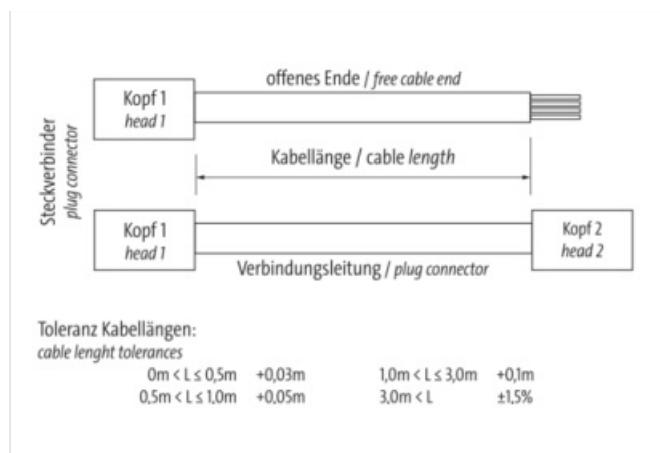
M12, 8-pole

Rear mounting

with multi-strand wire

[Link to Product](#)
**Illustration**


	WH
1	BN
2	GN
3	YE
4	GY
5	PK
6	BU
7	RD
8	



Product may differ from Image



#### Header

Cable length 1,00 m

#### Side 1

Family construction form	M12
No. of poles	8
Coding	A
Mounting method	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Width across flats	SW17
Material	Brass
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/7000-17185-9730100">https://shop.murrelektronik.com/7000-17185-9730100</a>
customs tariff number	85444290
EAN	4048879331821
Packaging unit	1

#### Electrical data | Supply

Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	2 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	6P, 4, 3

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
<b>Mechanical data</b>	
Contour for corrugated hose	without
<b>Mechanical data   Material data</b>	
Material housing	Brass
Coating housing	nickel plated
Material screw connection	Brass
Coating of fitting	nickel plated
Locking material	Brass
Coating locking	nickel plated
Material 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>Installation   Cable</b>	
Cable identification	973
Cable weight	48 g/m
Material wire insulation	PUR
Amount wires	8
Outer diameter insulation	1,25 mm
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Conductor type (wire)	strand class 6
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C
Bending radius (fixed)	10 × Outer diameter