

M12 female recept. A-cod. rear

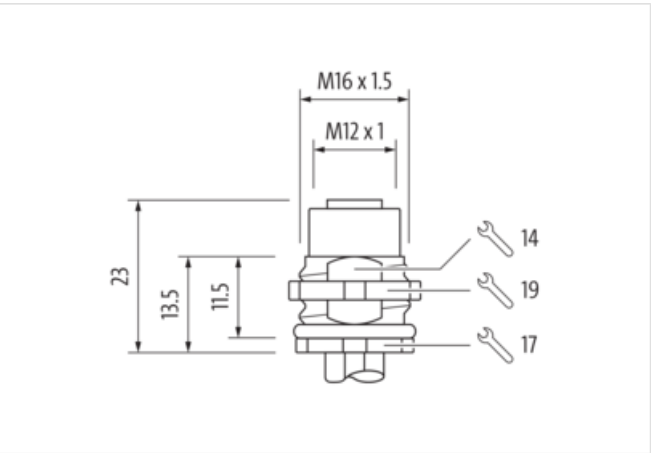
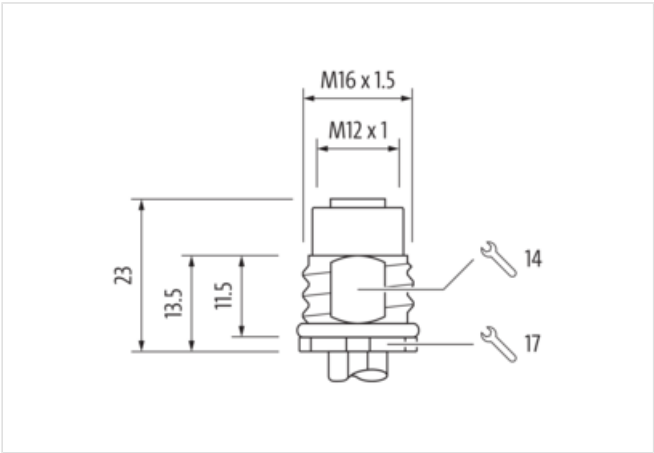
PUR-wires 5x0.34 0.2m

Art.No.: 7000-13565-9720020
Weight: 0.019 kg
Country of origin: DE
Model designation: MSBFH-U972_0.2

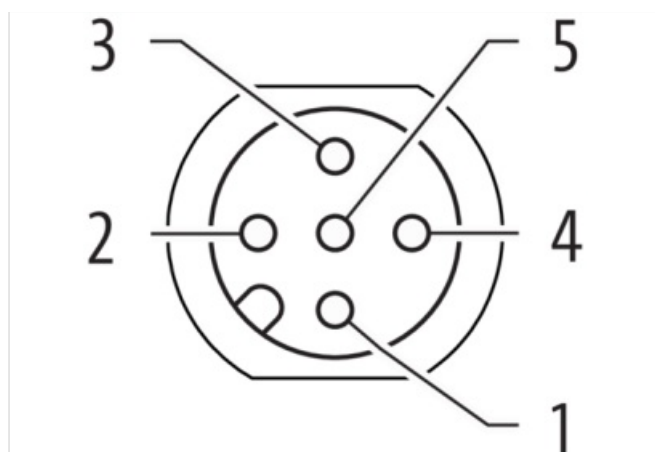
Flange female
M12, 5-pole
Rear mounting
with multi-strand wire

Link to Product

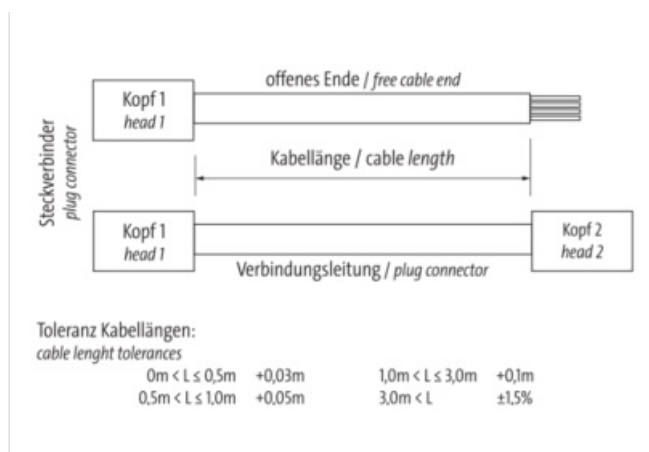
Illustration



1	BN
2	WH
3	BU
4	BK
5	GY



Product may differ from Image

**Header**

Cable length 0,20 m

Side 1

Family construction form	M12
Coding	A
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

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-13565-9720020
customs tariff number	85444290
EAN	4048879330251
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

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 **Attention:** 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 mm²

Material conductor wire copper stranded wire, tinned

Conductor type (wire) Strand class 5

Conductor resistance (wire) 58 Ω/km @ 20 °C

Nominal voltage AC max. 300 V

Withstand voltage (wire - wire) 1.5 kV

Withstand voltage (wire - jacket) 1.5 kV

Min. operating temperature (static) -40 °C

Max. operating temperature (static) 90 °C

Operating temperature min. (dynamic) -25 °C

Operating temperature max. (dynamic) 90 °C