

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

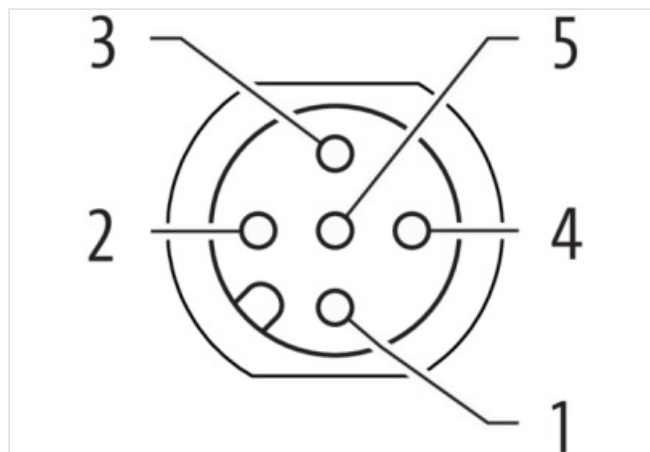
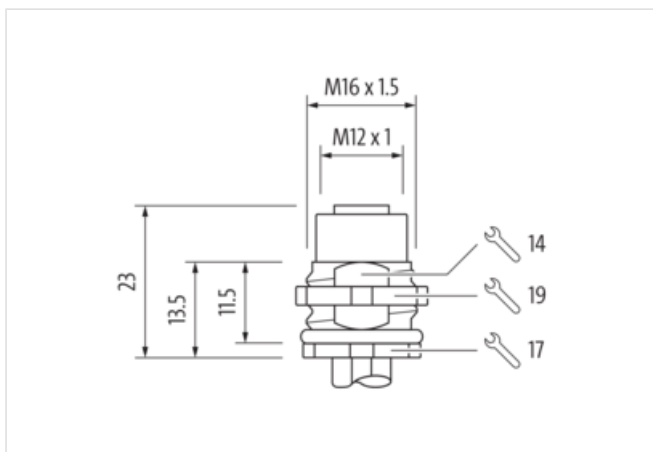
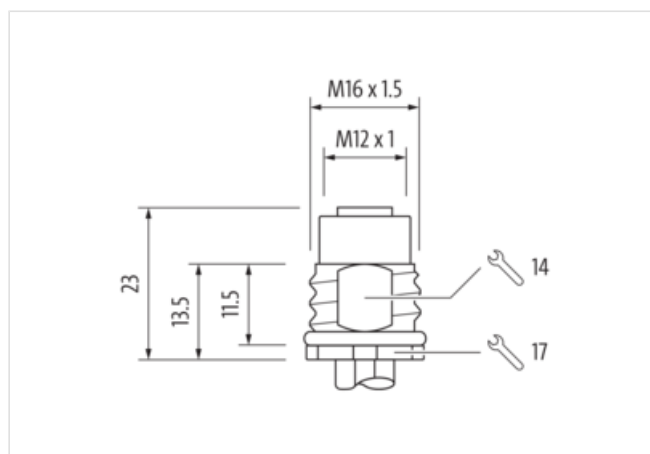
PUR-wires 5x0.34 1m

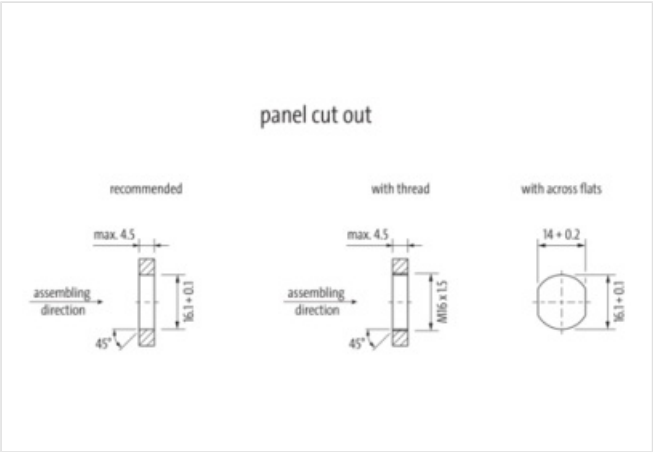
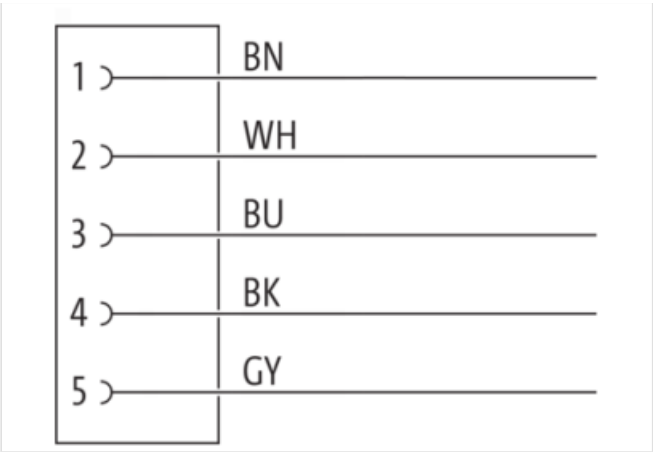
Art.No.: 7000-13565-9720100

Weight: 0.047

Country of origin: DE

Model designation: MSBFH-U972\_1.0

**Link to Product****Illustration**



Product may differ from Image



Side 1	
Family construction form	M12
Coding	A
Mounting method	inserted, screwed
Thread	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
Side 2	
Coating contact	gold plated
Commercial data	
URL Webshop	<a href="https://shop.murrelektronik.com/7000-13565-9720100">https://shop.murrelektronik.com/7000-13565-9720100</a>
EAN	4048879330275
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 **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 DIN EN 61076-2-101 (M12)

#### Approvals

UL 50E yes

#### Temperature range | Cable

Wire arrangement brown, white, blue, black, gray

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 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 (fixed)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C