

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

PUR-wires 4x0.34 1m

Art.No.: 7000-13545-9710100

Weight: 0.029

Country of origin: DE

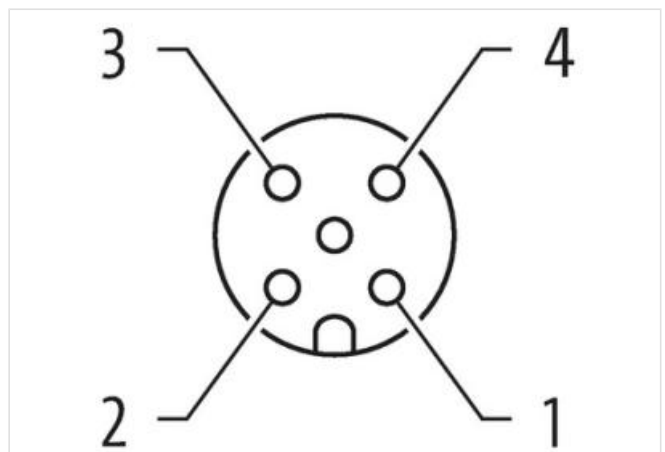
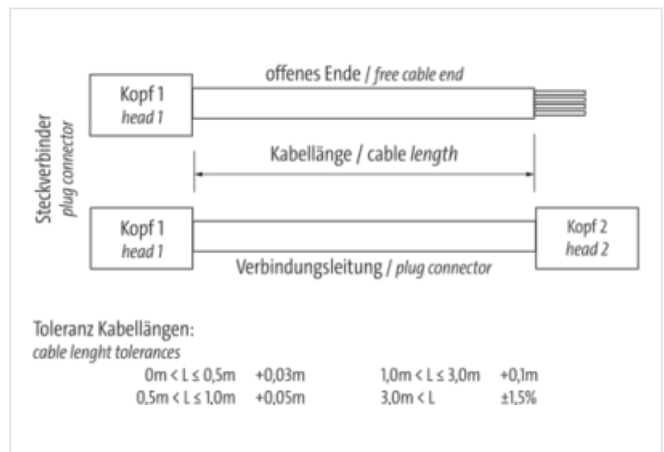
Model designation: MSBFH-T971\_1.0

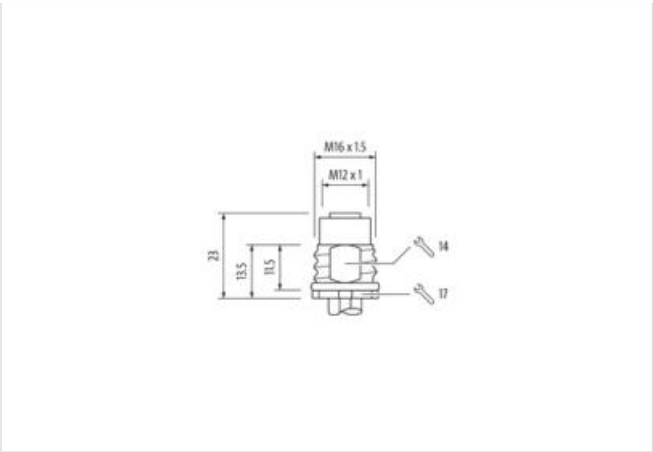
Flange female

M12, 4-pole

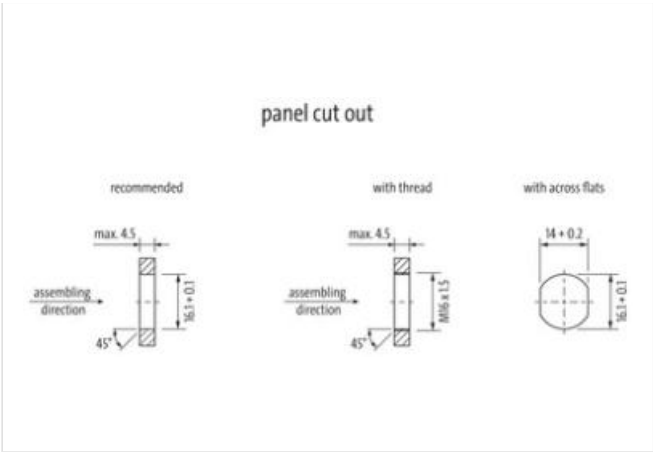
Rear mounting

with multi-strand wire

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



Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	Brass
No. of poles	4
Degree of protection (EN IEC 60529)	IP67
Side 2	
Coating contact	gold plated
Commercial data	
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
GTIN	4048879330008
GTIN	4048879330008
Packaging unit	1

Packaging unit 1

**Electrical data | Supply**

Operating voltage AC max.	250 V
Operating voltage DC max.	250 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	3, 4, 6P
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I

**Mechanical data**

Contour for corrugated hose	without
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**Mechanical data | Material data**

Coating housing	nickel plated
Coating locking	nickel plated
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Brass
Material screw connection	Brass

**Mechanical data | Mounting data**

Mounting method	Schraubgewinde
Looking techniques	Schraubgewinde

**Environmental characteristics | Climatic**

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

**Important installation notes**

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.

**Conformity**

Product standard	DIN EN 61076-2-101 (M12)
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**Approvals**

UL 50E	yes
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**Installation | Cable**

Cable identification	971
Material wire insulation	PUR
Amount wires	4
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	± 5 %
Conductor crosssection (wire)	0,34 mm²
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-25 °C

Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter