

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

PVC-wires 5x0.34 0.5m

Art.No.: 7000-13561-9020050

Weight: 0.035

Country of origin: DE

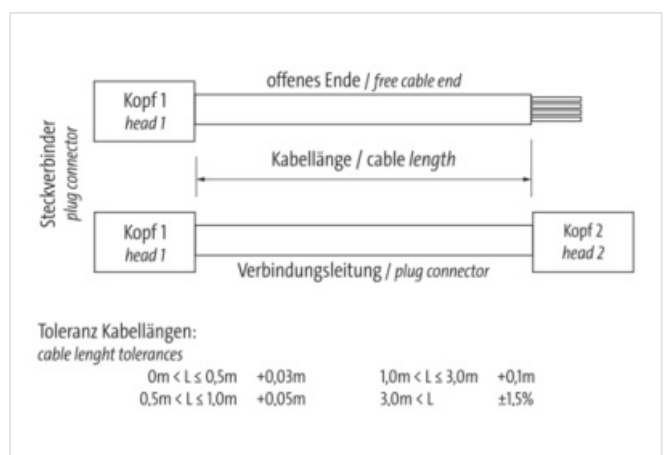
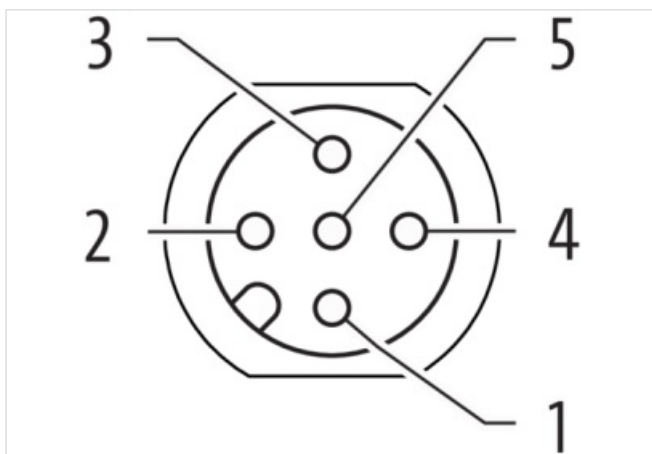
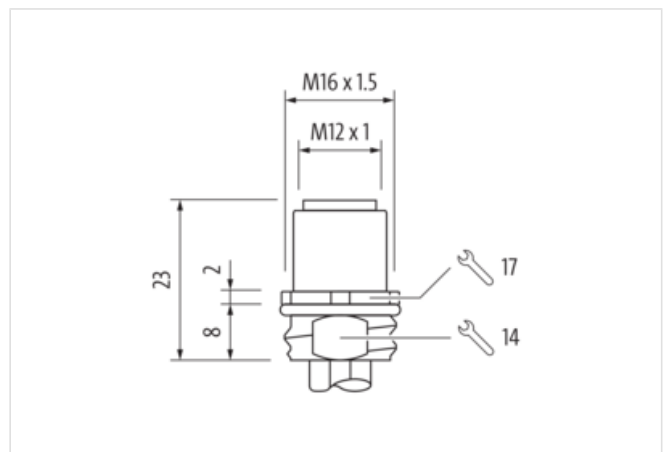
Model designation: MSBFV-U902\_0.5

Flange female

M12, 5-pole

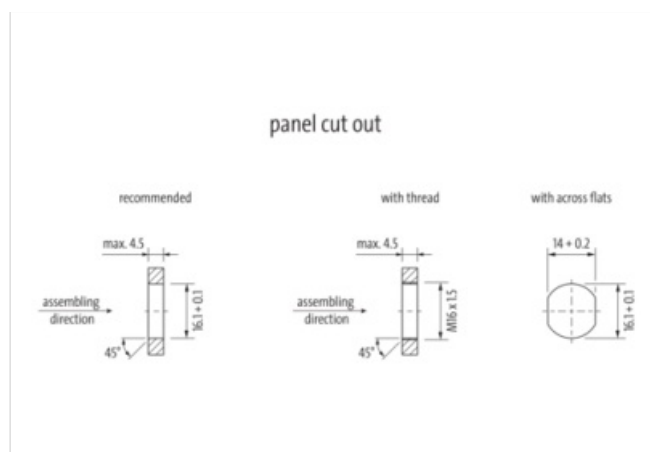
Front mounting

with multi-strand wire

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

1	BN
2	WH
3	BU
4	BK
5	GN YE

Product may differ from Image

**Header**

Cable length 0.5 m

**Side 1**

Family construction form	M12
No. of poles	5
Coding	A
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Material	Zinc die-casting
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/7000-13561-9020050">https://shop.murrelektronik.com/7000-13561-9020050</a>
customs tariff number	85444290
EAN	4048879295178
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
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**Device protection | Electrical**

Protection NEMA	6P, 4, 3
Additional condition protection degree	inserted, screwed

Pollution Degree	3
Rated surge voltage	15 kV
Material group (IEC 60664-1)	I

#### Mechanical data | Material data

Coating housing	nickel plated
Material screw connection	Zinc die-casting
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Coating locking	brass-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	DIN EN 61076-2-101 (M12)
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#### Approvals

UL 50E	yes
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#### Installation | Cable

Wire arrangement	brown, white, blue, black, gray
Material wire insulation	PVC
Amount wires	5
Conductor crosssection (wire)	0.34 mm <sup>2</sup>
Outer-diameter (jacket)	1.4 mm
Tolerance outer diameter (sheath)	± 5 %
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	105 °C
Bending radius (fixed)	5 × Outer diameter