

M12 male recept. B-cod. front

PUR-wires 5x0.34 0.2m

Art.No.: 7000-14121-9750020

Weight: 0.016

Country of origin: DE

Model designation: MSBAFV-U975_0.2

Flange male

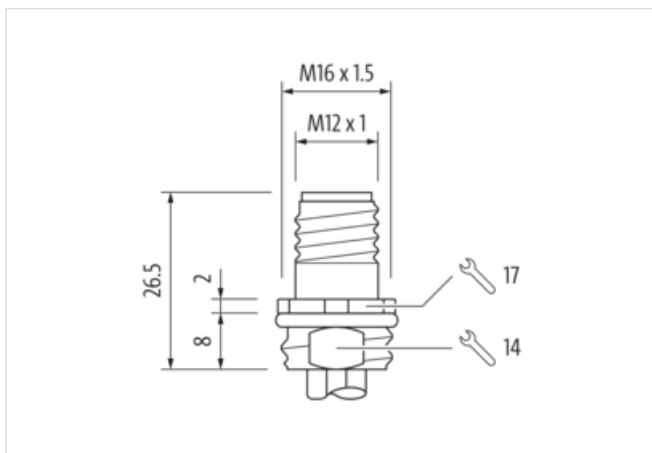
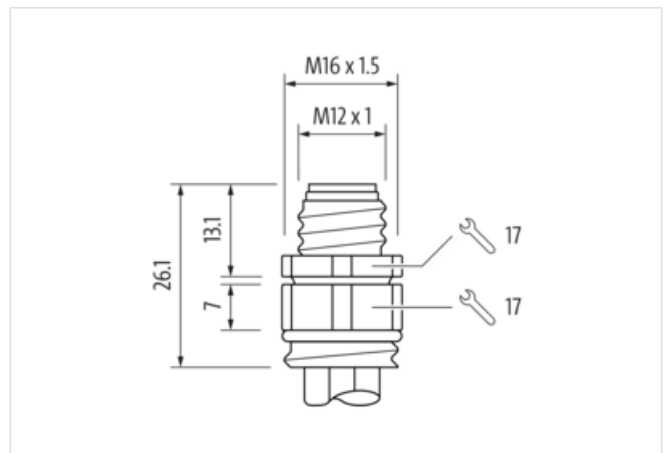
M12, 5-pole

B-coded

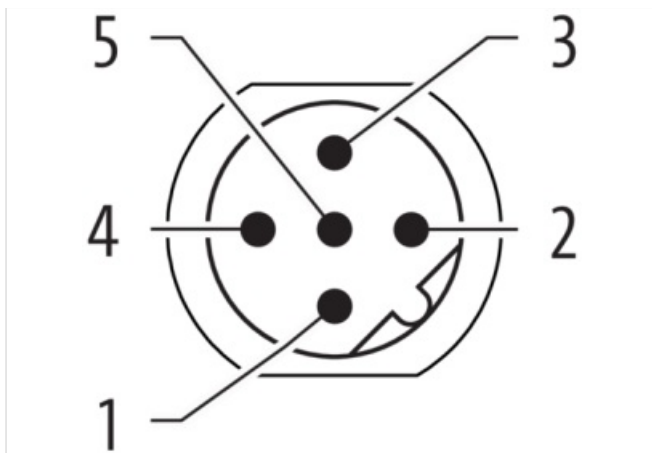
Front mounting

with multi-strand wire

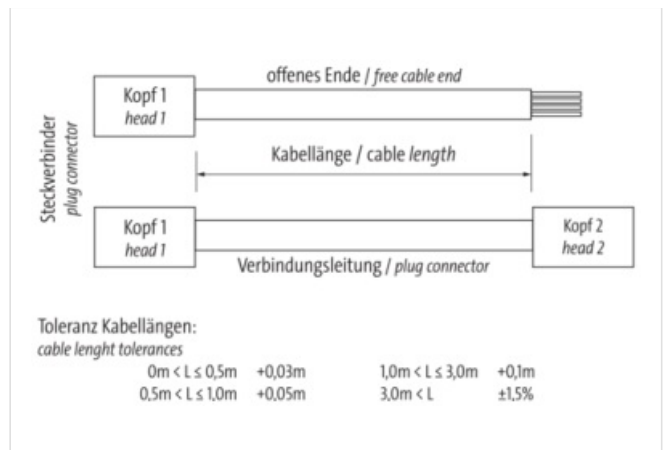
Further cable lengths on request.

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

1	BN
2	WH
3	BU
4	BK
5	GN YE



Product may differ from Image

**Header**

Cable length 0,20 m

Side 1

Family construction form	M12
No. of poles	5
Coding	B
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW14
Material	Zinc die-casting
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-14121-9750020
customs tariff number	85444290
EAN	4048879197762
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	SW 17

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	1.5 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
Material screw connection	Zinc die-casting
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Coating locking	Nickeled

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)
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Approvals

UL 50E	yes
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Installation | Cable

Cable identification	975
Wire arrangement	brown, white, blue, black, green-yellow
Material wire insulation	PUR
Amount wires	5
Outer diameter insulation	1.3 mm
Conductor crosssection (wire)	0.34 mm ²
Material conductor wire	copper stranded wire, tinned
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
Bending radius (fixed)	5 × Outer diameter