

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

PVC 5x0.34 gy UL/CSA 10.0m

Art.No.: 7000-13627-2151000

Weight: 0.453 kg

Country of origin: DE

Model designation: MSBFH-U215\_10.0

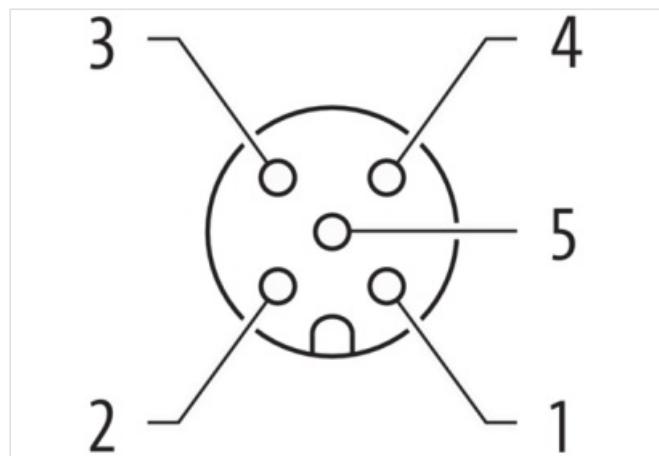
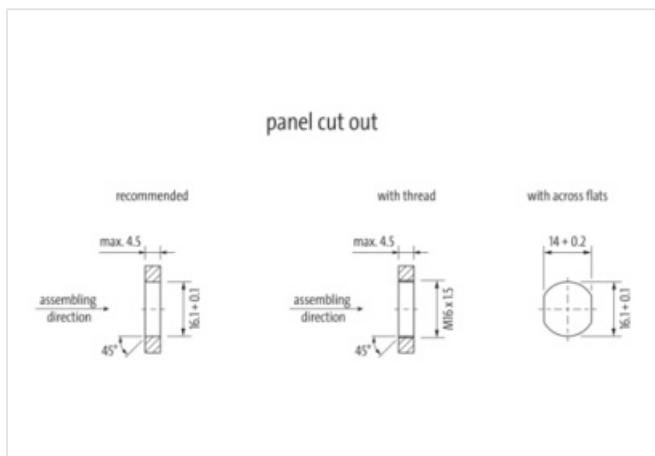
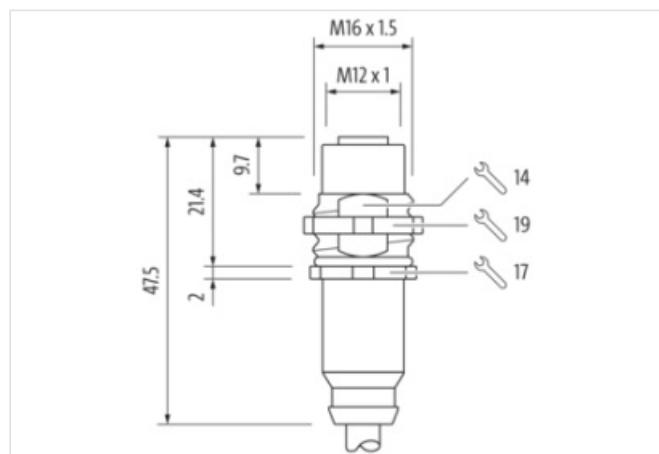
Flange female

M12, 5-pole

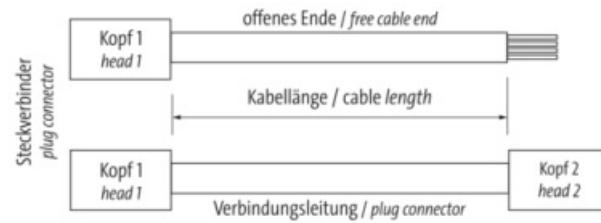
Rear mounting

Further cable lengths on request.

The resistance to aggressive media should be individually tested for your application. Further details on request.

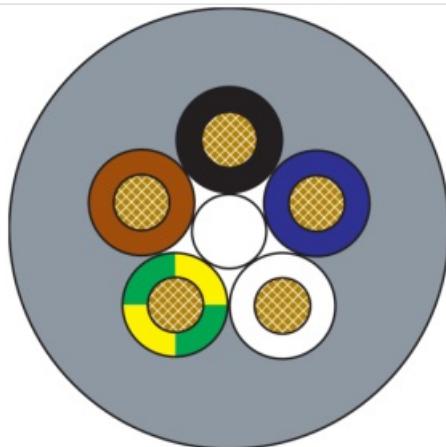
[Link to Product](#)
**Illustration**


1 >	BN
2 >	WH
3 >	BU
4 >	BK
5 >	GN YE



Toleranz Kabellängen:  
cable length tolerances

0m < L ≤ 0,5m	+0,03m	1,0m < L ≤ 3,0m	+0,1m
0,5m < L ≤ 1,0m	+0,05m	3,0m < L	±1,5%



Product may differ from Image



#### Header

Cable length 10,00 m

#### Side 1

Family construction form	M12
No. of poles	5
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

#### Side 2

Stripping length (jacket) 20 mm

#### Commercial data

URL Webshop	<a href="https://shop.murrelektronik.com/7000-13627-2151000">https://shop.murrelektronik.com/7000-13627-2151000</a>
customs tariff number	85444290

EAN	4065909032671
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 | Material data**

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	<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	EN IEC 61076-2-101 (M12)
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**Approvals**

UL 50E	Yes
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**Installation | Cable**

Cable identification	215
Cable Type	1
Stranding	1 x 5 wires around core filler twisted
Filler	Yes
Wire arrangement	brown, black, blue, white, green-yellow
Cable weight	44 g/m
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	45 ± 5 Shore D

Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Outer-diameter (jacket)	5,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material property (jacket)	good machinability
Conductor resistance (wire)	57 Ω/km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	4,5 A
Operating temperature min. (static)	-30 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1080, CSA FT1, IEC 60332-1-2
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter