

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

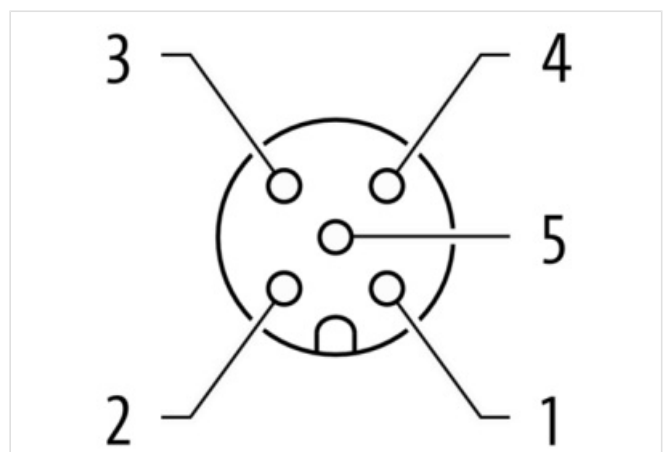
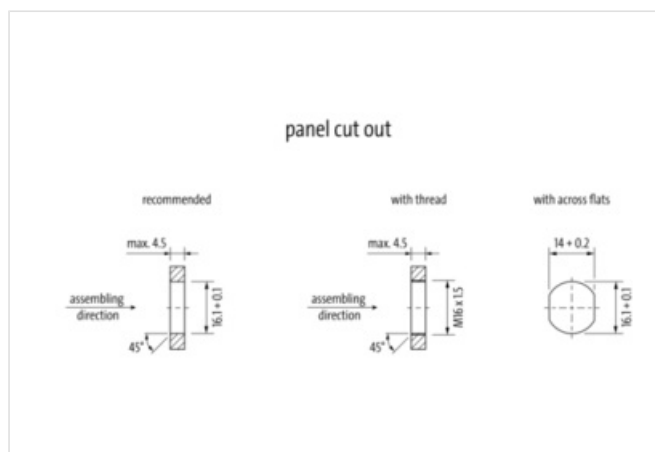
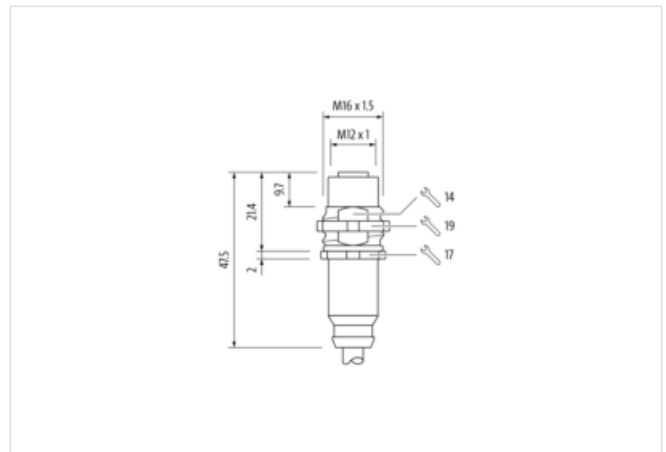
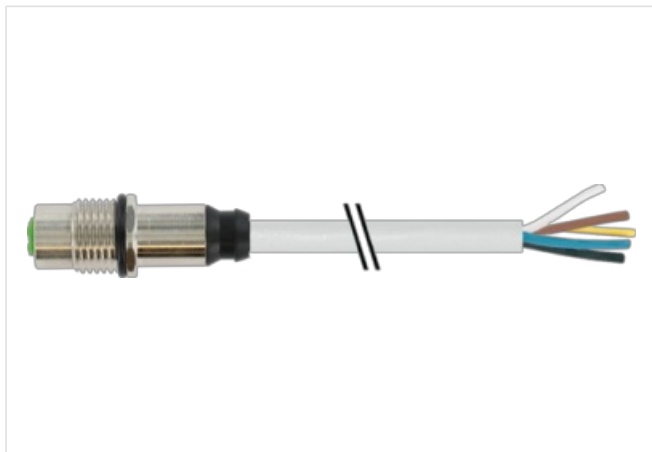
Flange female

M12, 5-pole

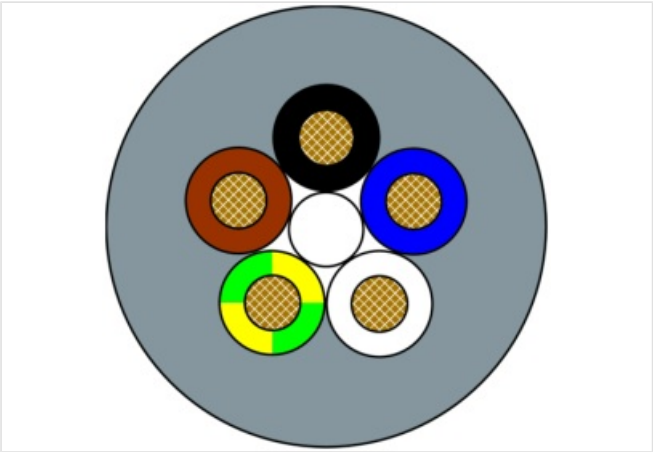
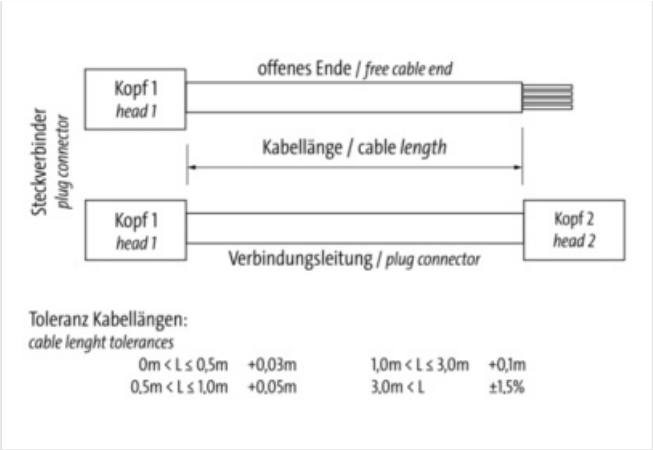
Rear mounting

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



Product may differ from Image



Cable length	10,00 m
Side 1	
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
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	https://shop.murrelektronik.com/7000-13627-2151000

Customs tariff number	85444290
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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
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	
Screw connection	Brass
Coating of fitting	nickel plated
Locking material	Brass
Coating locking	nickel plated
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	EN IEC 61076-2-101 (M12)
Approvals	
UL 50E	Yes
Installation Cable	
Stranding	1 × 5 wires around core filler twisted
Filler	Yes
Wire arrangement	BN, BK, BU, WH, GNYE
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1.25 mm ± 0.05 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare

Core construction (wire)	19 × 0.15 mm
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Material jacket	PVC
Outer-diameter (jacket)	5.2 mm ± 5 %
Jacket Color	gray / RAL 7040
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 max. (wire)	4,5 A
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature (static)	-30 °C ... 80 °C
Operating temperature (dynamic)	-5 °C ... 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
Notes	application-related testing
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter