

**M12 Steel female 0° A-cod. with cable**

PVC 5x0.34 gy UL/CSA 2m

Art.No.: 7044-12241-2150200

Weight: 0.113 kg

Country of origin: CZ

Model designation: MSBL0-U215\_2.0-S44

F&amp;B-Steel

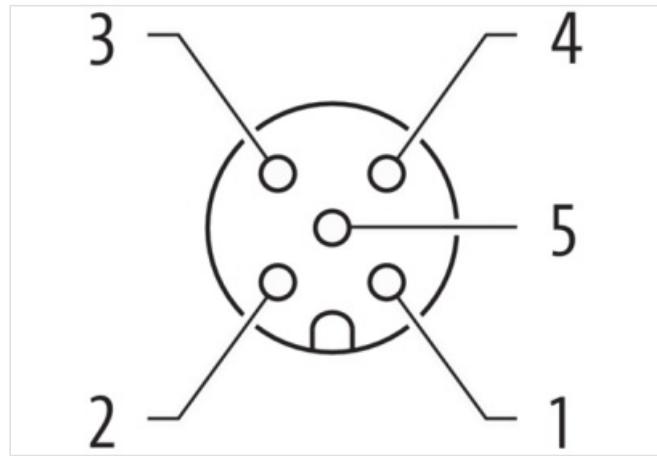
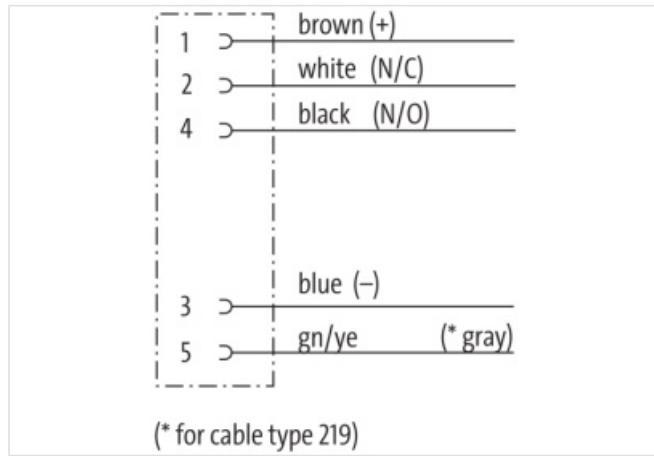
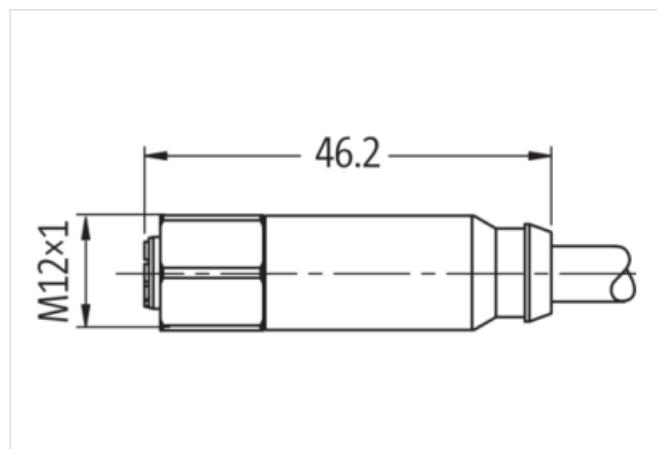
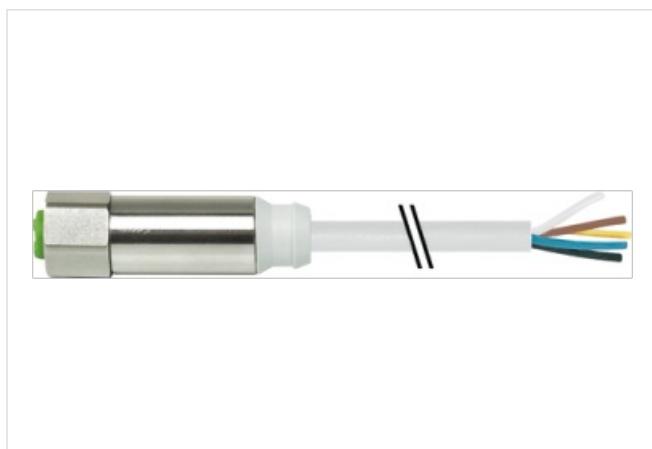
Female straight

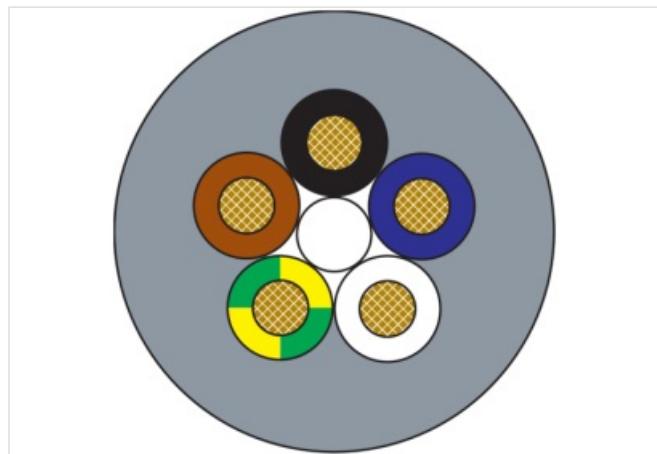
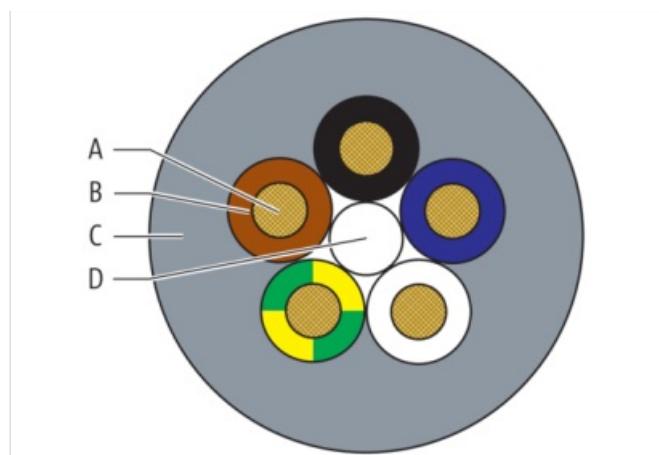
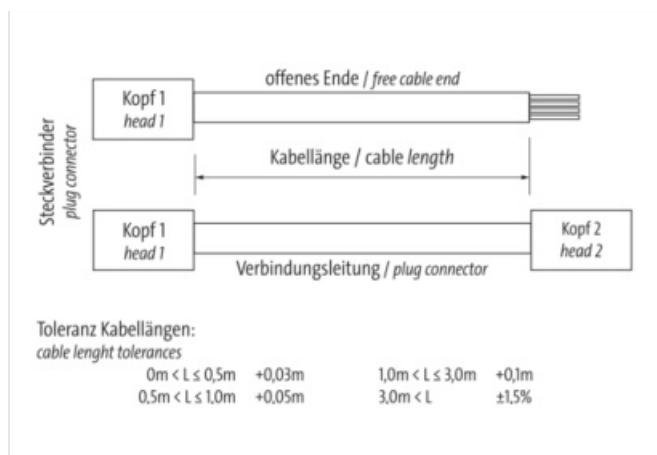
M12, 5-pole

Stainless steel 1.4404 (V4A)

without cable sleeves

Further cable lengths on request.

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




Product may differ from Image



#### Header

Cable length 2,00 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  
 Width across flats SW13  
 Cable outlet straight  
 Degree of protection (EN IEC 60529) IP69K, IP68

#### Side 2

Family construction form free cable end  
 Stripping length (jacket) 20 mm

#### Commercial data

URL Webshop <https://shop.murrelektronik.com/7044-12241-2150200>

customs tariff number	85444290
EAN	4065909024898
Packaging unit	1
<b>Electrical data   Supply</b>	
Operating voltage AC max.	32 V
Operating voltage DC max.	32 V
Current operating per contact max.	4 A
<b>Device protection   Electrical</b>	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
<b>Mechanical data</b>	
Contour for corrugated hose	without
<b>Mechanical data   Material data</b>	
Material housing	PVC
Locking material	Stainless steel 1.4404 (V4A)
Material gasket	FKM
<b>Mechanical data   Mounting data</b>	
Mounting method	inserted, screwed, Shaking protection
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
<b>Important installation notes</b>	
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.
<b>Installation   Cable</b>	
Cable identification	215
Cable Type	1
Amount stranding	1
Stranding	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 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter