

**M12 Power male recept. L-cod. incl. nut**

PUR-wires 4x1.5 1.5m

Art.No.: 7000-P4182-9440150

Weight: 0.208 kg

Country of origin: DE

Model designation: MSWALFV-T944\_1.5

Power

Flange male

M12, 4-pole

L-coded

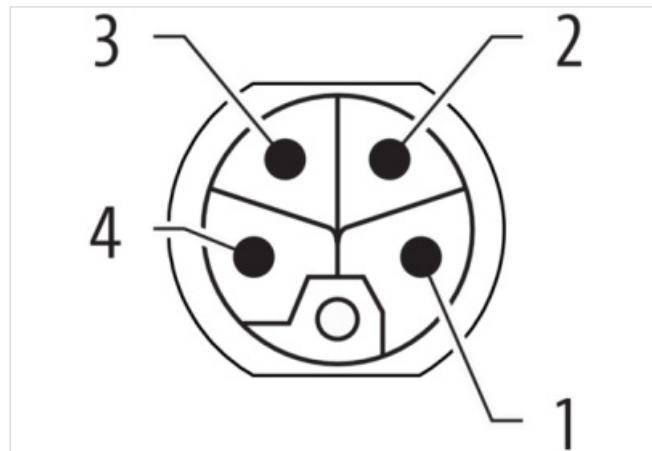
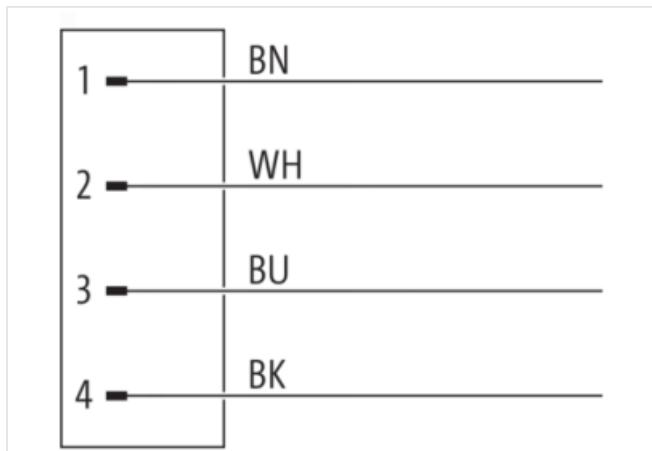
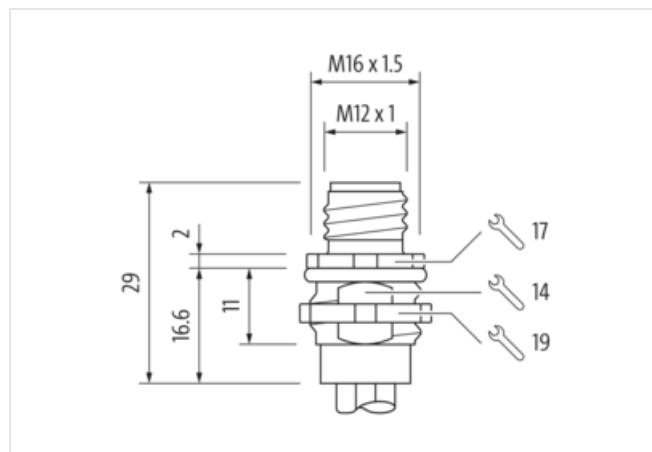
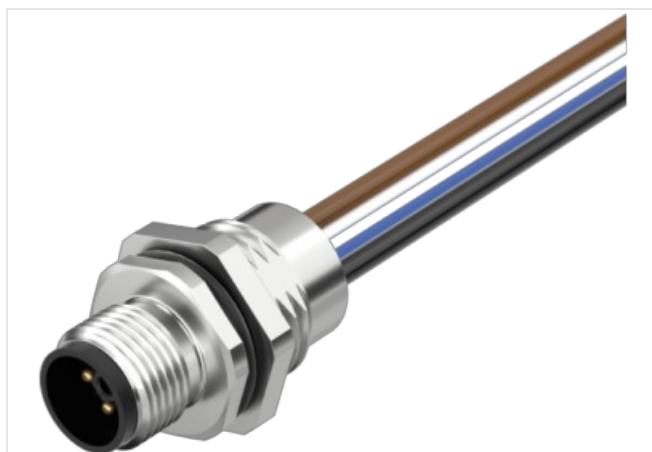
Front mounting

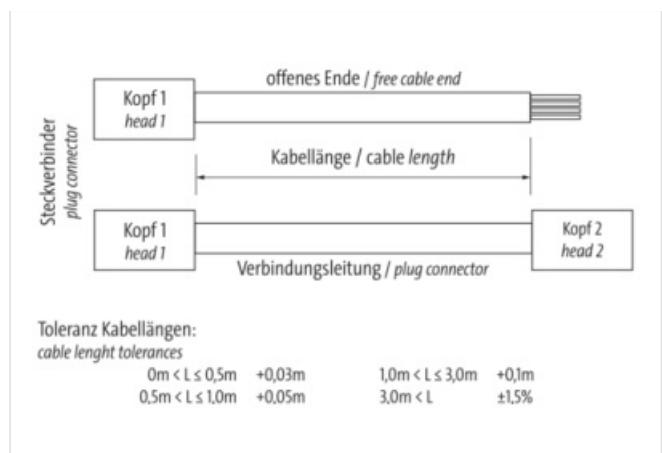
with multi-strand wire

Hexagon nut M16x1.5 (SW19) for flange connector included in the delivery package

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

Further cable lengths on request.

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




Product may differ from Image



#### Header

Material short text MSWALFV-T944\_1.5

Cable length 1,50 m

#### Side 1

Family construction form M12P  
 No. of poles 4  
 Coding L  
 Mounting method inserted, mounted  
 Threaded hole M12 x 1  
 Tightening torque 0,6 Nm  
 Width across flats SW17  
 Material contact Copper alloy  
 Coating contact gold plated  
 Degree of protection (EN IEC 60529) IP65, IP67, IP69K

#### Commercial data

URL Webshop <https://shop.murrelektronik.com/7000-P4182-9440150>  
 GTIN 4048879874656  
 ECLASS-6.0 27279220  
 ECLASS-6.1 27279220  
 ECLASS-7.0 27440103  
 ECLASS-7.1 27440103  
 ECLASS-8.0 27440103  
 ECLASS-8.1 27440103  
 ECLASS-9.0 27440103  
 ECLASS-9.1 27440109  
 ECLASS-10.0.1 27440109  
 ECLASS-10.1 27440103  
 ECLASS-11.0 27440109  
 ECLASS-11.1 27440103  
 ECLASS-12.0 27440103  
 ECLASS-13.0 27440109  
 ECLASS-14.0 27440109  
 ETIM-5.0 EC002061

ETIM-6.0	EC002061
customs tariff number	85444290
EAN	4048879874656
Packaging unit	1
<b>Electrical data   Supply</b>	
Operating voltage DC max.	63 V
Current operating per contact max.	12 A
<b>Diagnostics</b>	
Status indication LED	No
<b>Installation   Connection</b>	
Mounting set	M16 x 1.5
Width across flats	SW19
<b>Device protection   Electrical</b>	
Degree of protection (EN IEC 60529)	IP67, IP65
Protection NEMA	6P, 4, 3
Additional condition protection degree	mounted, 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	Brass
Coating housing	nickel plated
Locking material	Brass
Coating locking	nickel plated
<b>Mechanical data   Mounting data</b>	
Mounting method	inserted, screwed
<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>Conformity</b>	
Product standard	EN IEC 61076-2-111
<b>Approvals</b>	
UL 50E	Yes
<b>Temperature range   Cable</b>	
Cable identification	944
Wire arrangement	brown, black, blue, white
Cable weight	85 g/m
Material wire insulation	PUR
Amount wires	4
Outer diameter insulation	2,4 mm
Outer diameter tolerance core insulation	± 0,1 mm
Ingredient freeness wire insulation	CFC-free, halogen-free, lead-free
Amount strands (wire)	30

Diameter of single wires	0,25 mm
Conductor crosssection (wire)	1,5 mm <sup>2</sup>
Material conductor wire	copper stranded wire, tinned
Conductor type (wire)	Strand class 5
Conductor resistance (wire)	13.3 Ω/km @ 20 °C
Isolation resistance	20 MΩ × km
Nominal voltage max.	900 V
Withstand voltage (wire - wire)	3.31 kV @ 60 s
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C