

**M12 Power male recept. L-cod. front**

PUR-wires 4x1.5 1m

Art.No.: 7000-P4181-9440100

Weight: 0.149 kg

Country of origin: DE

Model designation: MSWALFV-T944\_1.0

Power

Flange male

M12, 4-pole

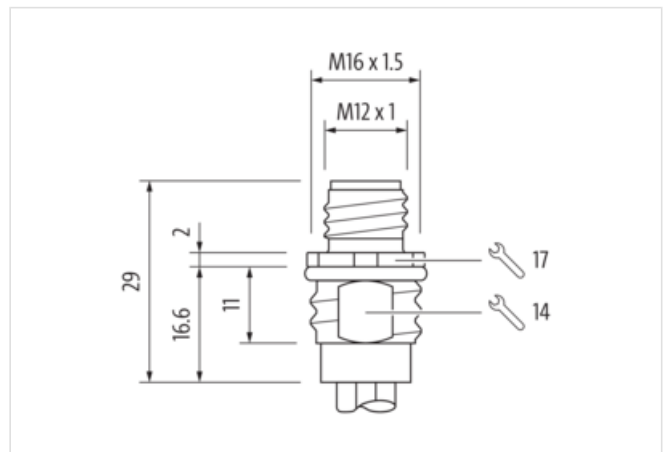
L-coded

Front mounting

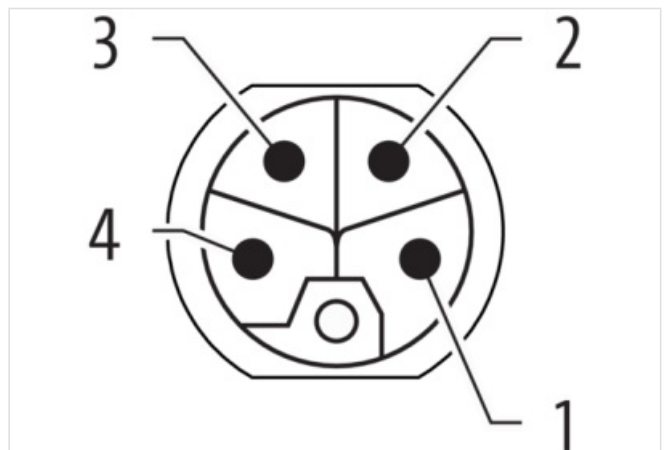
with multi-strand wire

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**

1	BN
2	WH
3	BU
4	BK





Product may differ from Image



Header	
Material short text	MSWALFV-T944_1.0
Cable length	1,00 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	<a href="https://shop.murrelektronik.com/7000-P4181-9440100">https://shop.murrelektronik.com/7000-P4181-9440100</a>
GTIN	4048879791274
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	4048879791274
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	SW17
<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>Resistances   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	lead-free, CFC-free, halogen-free
Amount strands (wire)	30

Diameter of single wires	0,25 mm
Conductor crossection (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
Other resistances	resistant to hydrolysis, resistant to microbes