

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

PUR-wires 4x1.5 0.5m

Art.No.: 7000-P4182-9440050

Weight: 0.093 kg

Country of origin: DE

Model designation: MSWALFV-T944_0.5

Power

Flange male

M12, 4-pole

L-coded

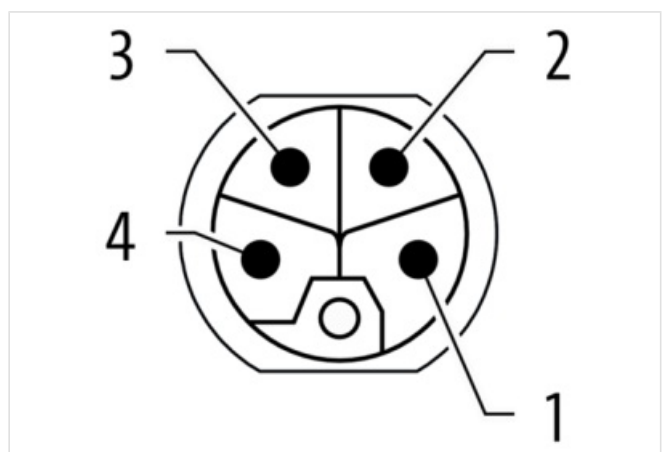
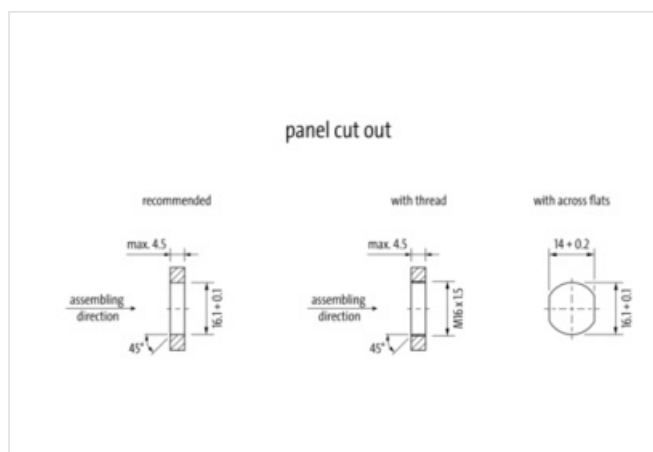
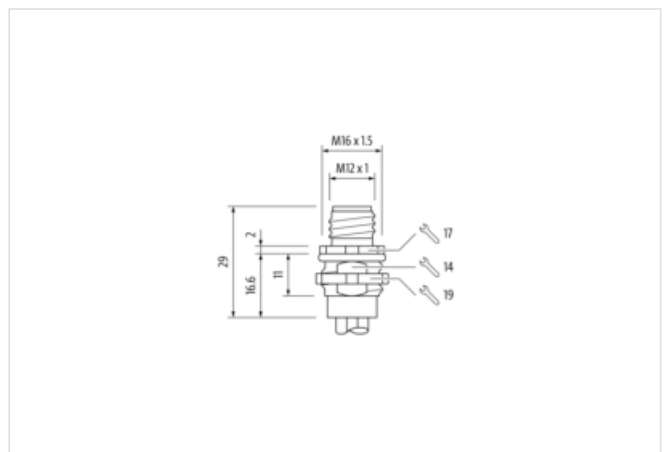
Front mounting

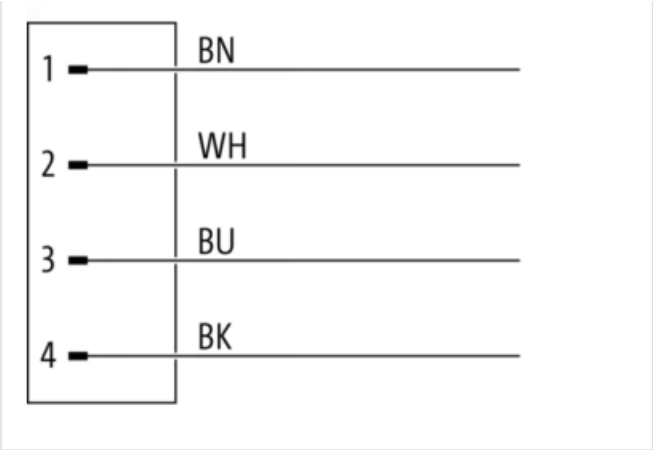
with multi-strand wire

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

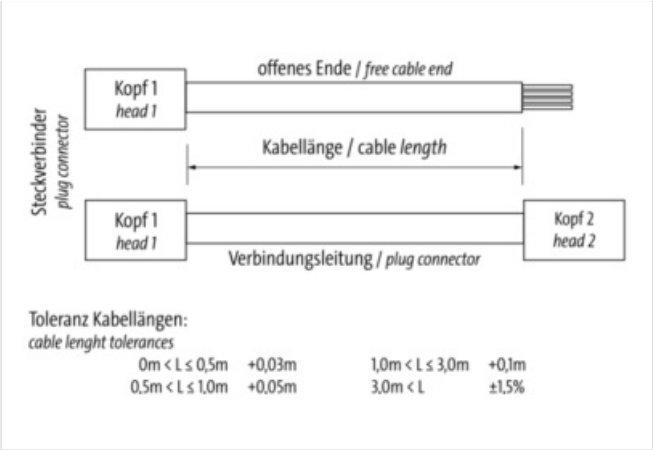
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

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



Product may differ from Image



Cable length	0,50 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-P4182-9440050
GTIN	4048879874632
EU-Customs tariff number	85444290
US-Customs tariff number	8544429090
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
ETIM-9.0	EC001855
ETIM-10.0	EC001855
customs tariff number	85444290
EAN	4048879874632
Packaging unit	1
Electrical data	
Conductor resistance (wire)	13.3 Ω /km @ 20 °C
Electrical data Supply	
Operating voltage DC max.	63 V
Current operating per contact max.	12 A
Nominal voltage AC max.	900 V
Diagnostics	
Status indication LED	No
Installation Connection	
Mounting set	M16 x 1.5
Width across flats	SW19
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67, IP65
Protection NEMA	6P, 4, 3
Additional condition protection degree	mounted, screwed
Pollution Degree	3
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	18 A
Rated surge voltage	1,5 kV
Isolation resistance	20 M Ω x km
Withstand voltage (wire - wire)	3.31 kV @ 60 s
Material group (IEC 60664-1)	I
Mechanical data	
Amount strands (wire)	30
Diameter of single wires	0,25 mm
Contour for corrugated hose	without
Mechanical data Material data	
housing	Brass
Coating housing	nickel plated
Locking material	Brass
Coating locking	nickel plated
Material wire insulation	PUR
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Material conductor wire	copper stranded wire, tinned
Mechanical data Mounting data	
Mounting method	inserted, screwed
Cable weight	19,5 g/m
Environmental characteristics Climatic	
Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	-40 °C ... 90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	-25 °C ... 90 °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 61076-2-111
Approvals	
UL 50E	Yes
Resistances Cable	
Cable identification	944
Cable weight	85 g/m
Stranding	1 × 4 wires stranded
Wire arrangement	BN, WH, BU, BK
Material wire insulation	PUR
Amount wires	4
Outer diameter insulation	2.4 mm ± 0.1 mm
Conductor crosssection (wire)	1,5 mm ²
Material conductor wire	copper stranded wire, tinned
Core construction (wire)	30 × 0.25 mm
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor resistance (wire)	13.3 Ω/km @ 20 °C
Nominal voltage max.	900 V
Withstand voltage (wire - wire)	3.31 kV @ 60 s
Current load capacity max. (wire)	14,4 A
Current load capacity (standard)	to DIN VDE 0298-4
Isolation resistance	20 MΩ × km
Operating temperature (static)	-40 °C ... 90 °C
Operating temperature (dynamic)	-25 °C ... 90 °C
Flame resistance	IEC 60332-1-2
Oil resistance	IEC 60811-404
Other resistances	resistant to hydrolysis, resistant to microbes
Notes	application-related testing