

M12 Power male recept. L-cod. rear

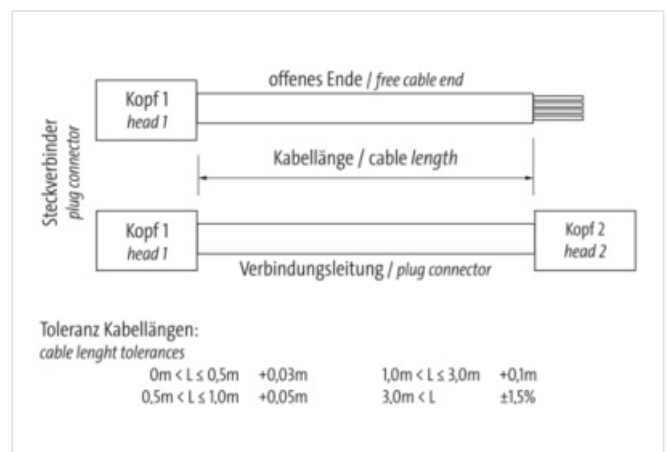
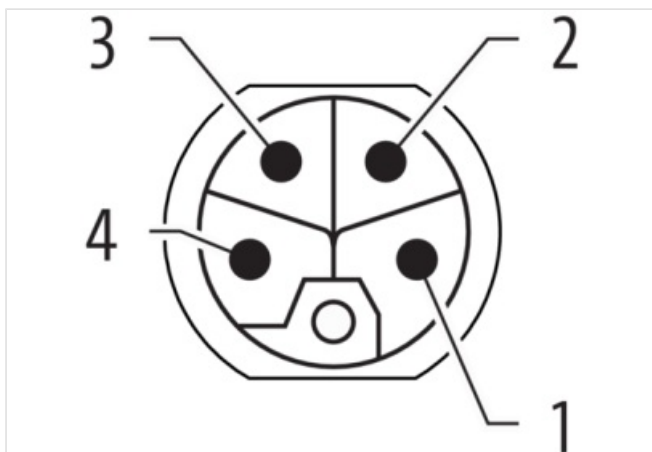
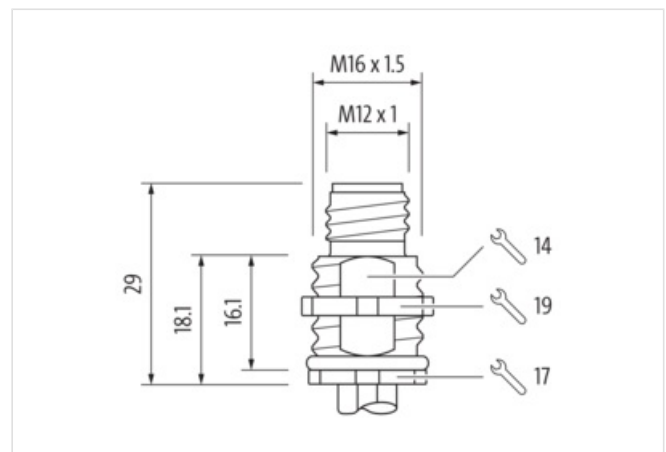
PUR-wires 4x1.5 0.5m

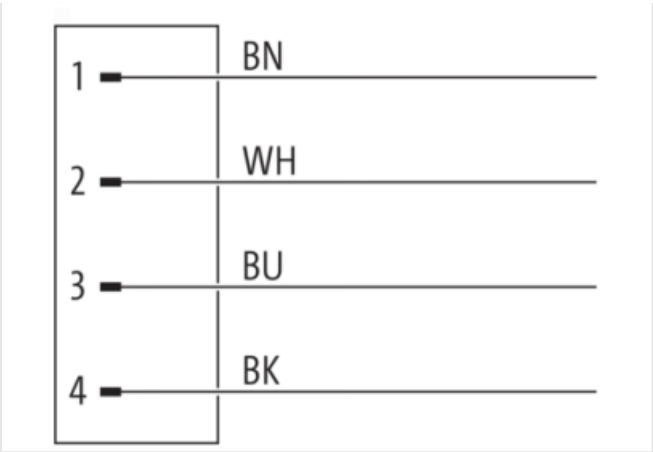
Art.No.: 7000-P4185-9440050

Weight: 0.093

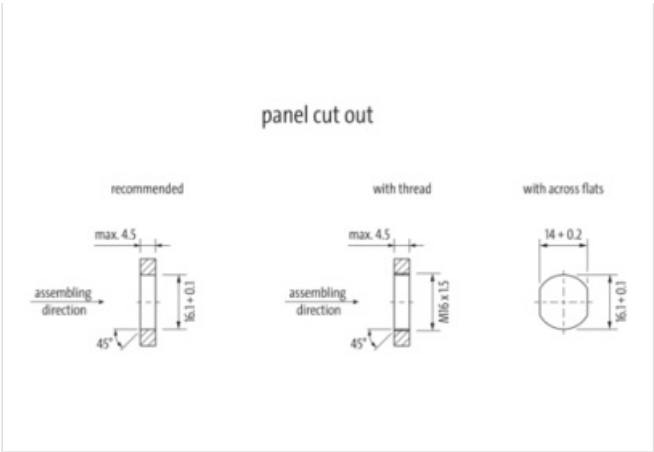
Country of origin: DE

Model designation: MSWALFH-T944_0.5

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



Product may differ from Image



Side 1	
Family construction form	M12P
No. of poles	4
Coding	L
Thread	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)	IP67, IP65
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-P4185-9440050
GTIN	4048879866767
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
EAN	4048879866767
Electrical data Supply	
Operating voltage DC max.	63 V

Current operating per contact max. 12 A

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

Rated surge voltage 1.5 kV

Material group (IEC 60664-1) I

Mechanical data

Contour for corrugated hose without

Mechanical data | Material data

Material housing Brass

Coating housing nickel plated

Locking material Brass

Coating locking nickel plated

Mechanical data | Mounting data

Mounting method inserted, screwed

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 IEC 61076-2-111

Temperature range | Cable

Wire arrangement brown, black, blue, white

Cable weight 93.5 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 mm²

Material conductor wire copper stranded wire, tinned

Conductor type (wire) Strand class 5

Electrical resistance line constant wire 13.3 Ω /km @ 20 °C

Isolation resistance 20 M Ω x km

Nominal voltage AC max. 900 V

AC withstand voltage (wire - wire) 3.31 kV @ 60 s

Min. operating temperature (static) -40 °C

Max. operating temperature (fixed) 90 °C

Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C
