

M12 Power female recept. L-cod. front incl.nut

PUR-wires 5x1.5 1.5m

Art.No.: 7000-P4292-9800150

Weight: 0.26

Country of origin: DE

Model designation: MSWBLFV-U980_1.5

Power

Flange female

M12, 5-pole

L-coded

Front mounting

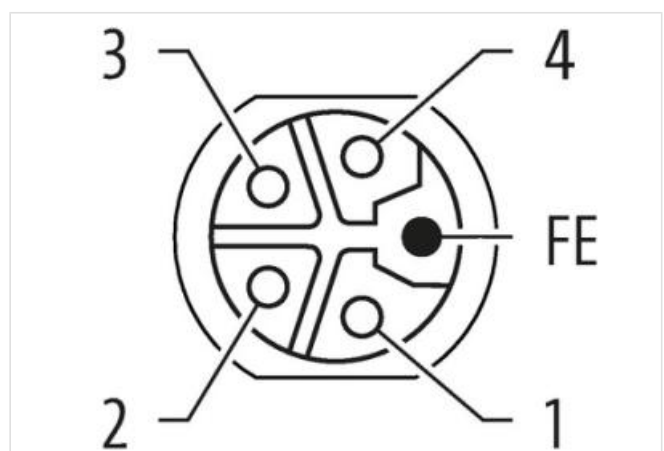
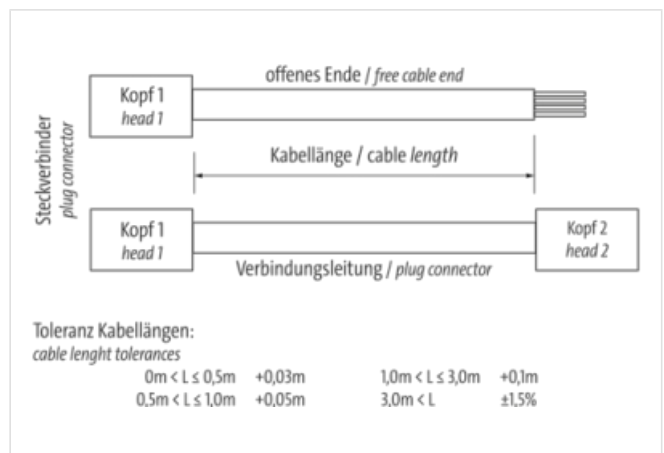
with multi-strand wire

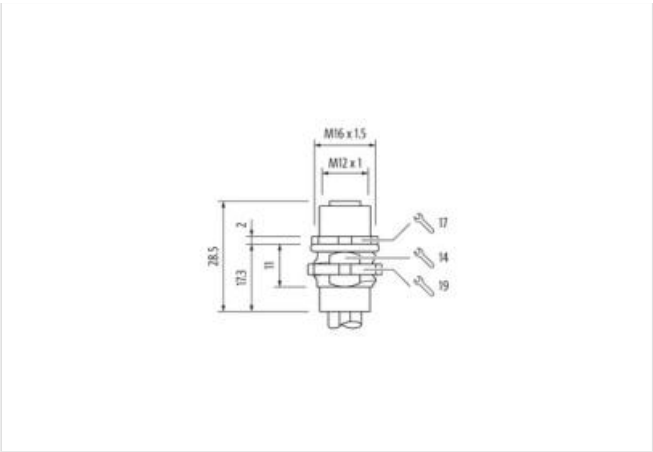
Hexagon nut M16x1.5 (SW19) for flange connector included in the delivery package

Good chemical and oil resistance (oil resistance does not apply to use with PVC cable)

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	1,5 m
Side 1	
Tightening torque	0,6 Nm
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
Coding	L
Material contact	Copper alloy
No. of poles	5
Width across flats	SW17
Degree of protection (EN IEC 60529)	IP65, IP67
Commercial data	
ECLASS-6.0	27279221
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
GTIN	4048879856706
GTIN	4048879856706
Packaging unit	1
Packaging unit	1
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) IP65, IP67
 Protection NEMA 3, 4, 6P
 Additional condition protection degree screwed, mounted
 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
 Coating locking nickel plated
 Material gasket FKM
 Locking material Brass

Mechanical data | Mounting data

Mounting method inserted, screwed

Environmental characteristics | Climatic

Operating temperature min. -25 °C
 Operating temperature max. 85 °C
 Additional condition temperature range depending on cable quality

Important installation notes

Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
 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.

Conformity

Product standard IEC 61076-2-111

Approvals

UL 50E yes

Resistances | Cable

wire arrangement brown, black, blue, white, gray
 Cable identification 980
 wire arrangement brown, black, blue, white, gray
 Material wire insulation PUR
 Amount wires 5
 Outer diameter insulation 2,4 mm
 Outer diameter tolerance core insulation $\pm 5\%$
 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
 Min. operating temperature (static) -40 °C
 Max. operating temperature (fixed) 90 °C
 Operating temperature min. (dynamic) -25 °C
 Operating temperature max. (dynamic) 90 °C

Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing