

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

PUR-wires 5x1.5 0.5m

Art.No.: 7000-P4282-9800050

Weight: 0.111

Country of origin: DE

Model designation: MSWALFV-U980_0.5

Power

Flange male

M12, 5-pole

L-coded

Front mounting

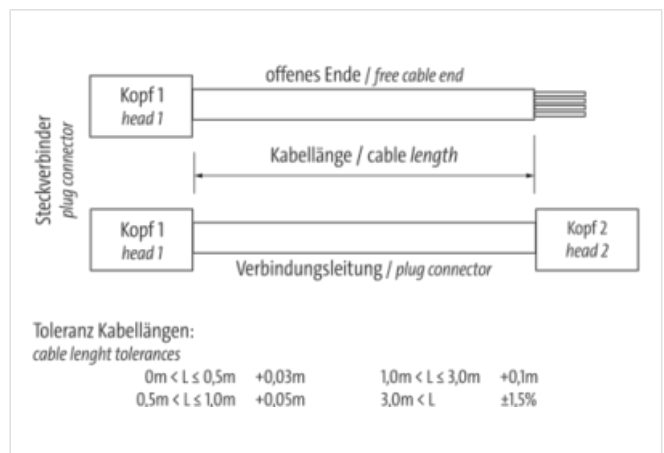
with multi-strand wire

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

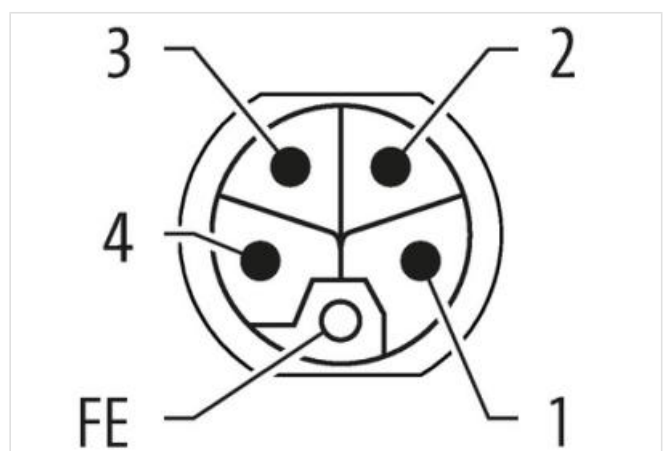
Good chemical and oil resistance (oil resistance does not apply to use with PVC cable)

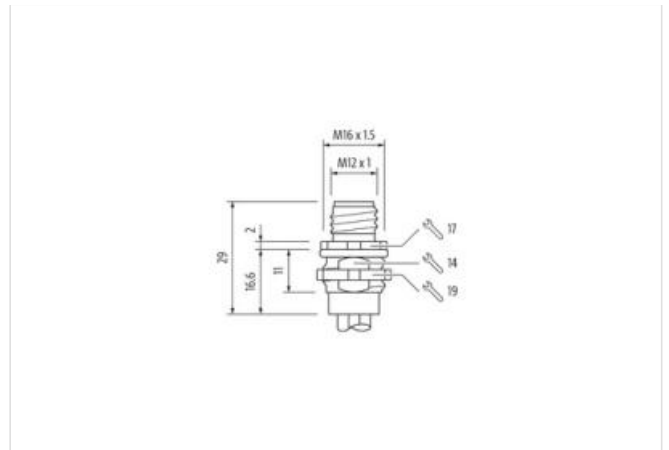
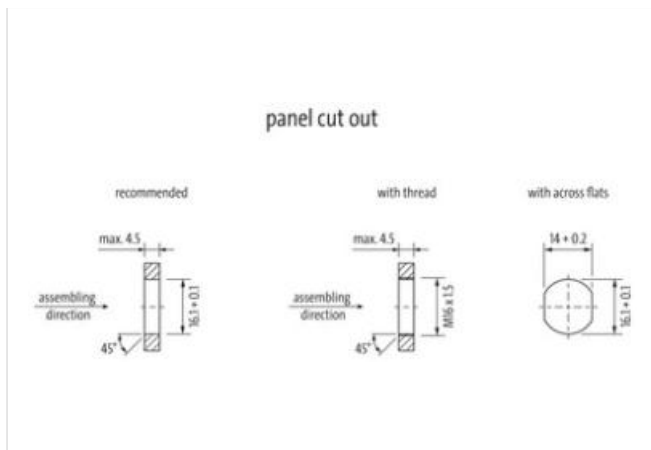
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

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

1	BN
2	WH
3	BU
4	BK
FE	GY





Product may differ from Image



Cable length	0,5 m
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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	27279220
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	EC002061
customs tariff number	85444290
GTIN	4048879809979
Packaging unit	1

Electrical data | Supply

Operating voltage DC max.	63 V
Current operating per contact max.	12 A

Diagnostics

Status indication LED	no
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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
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Mechanical data | Material data

Material housing	Brass
Coating housing	nickel plated
Coating locking	nickel plated
Locking material	Brass

Mechanical data | Mounting data

Mounting method	inserted, screwed
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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
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Approvals

UL 50E	yes
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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	± 5 %
Amount strands (wire)	30
Diameter of single wires	0,25 mm
Conductor crossection (wire)	1,5 mm ²
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