

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

PUR-wires 5x1.5 0.5m

Art.No.: 7000-P4282-9800050

Weight: 0.111 kg

Country of origin: DE

Model designation: MSWALFV-U980_0.5

Power

Flange male

M12, 5-pole

L-coded

Front mounting

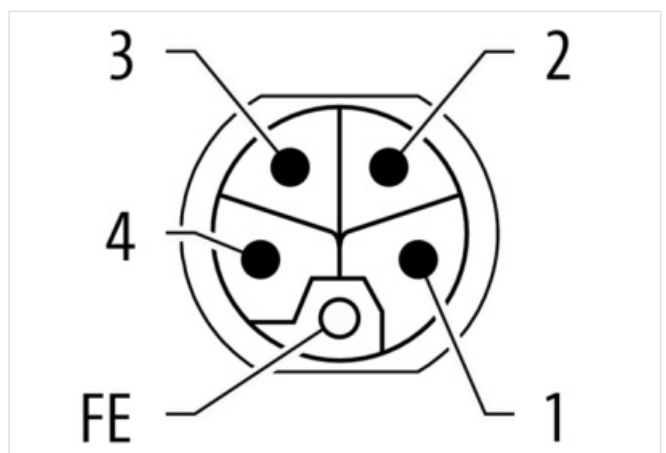
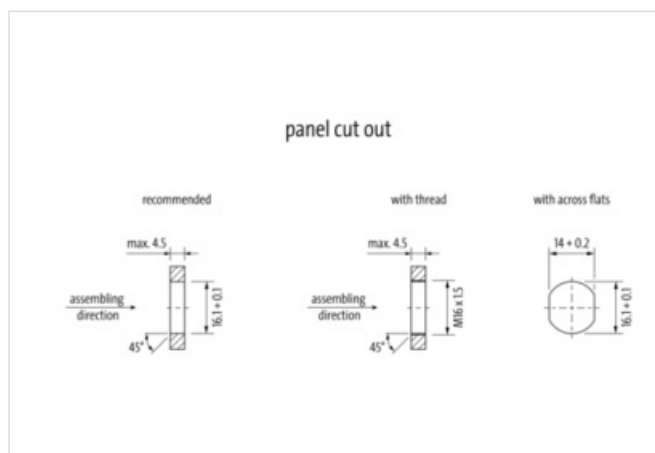
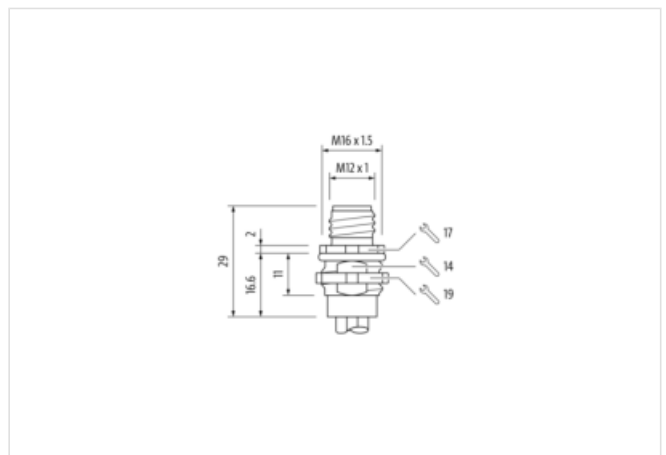
with multi-strand wire

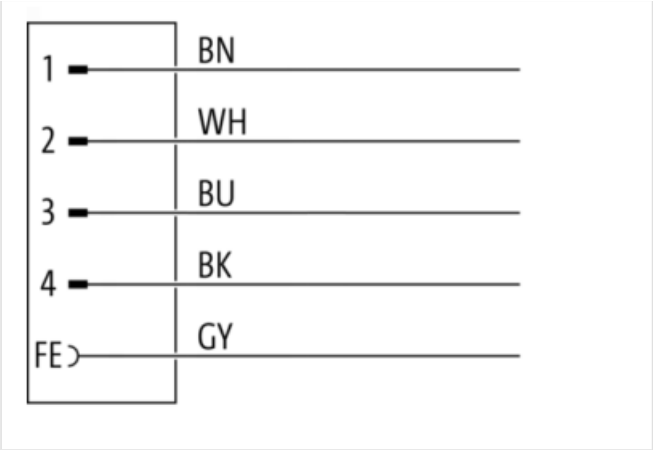
Hexagon nut M16x1.5 (SW19) for flange connector included in the delivery package

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

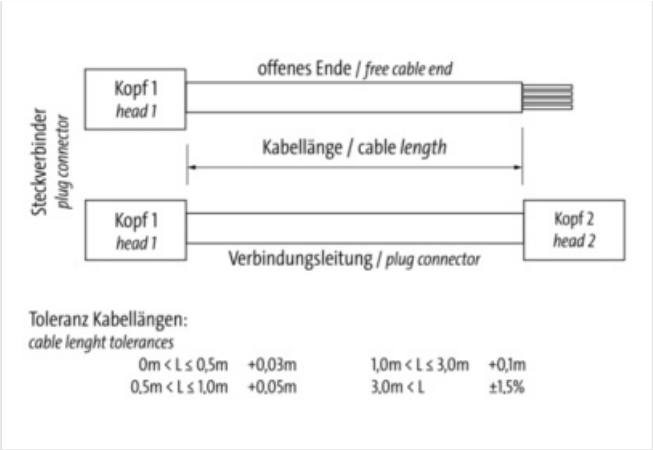
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

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



Product may differ from Image



Cable length	0,50 m
Side 1	
Family construction form	M12P
No. of poles	5
Coding	L
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-P4282-9800050
GTIN	4048879809979
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	4048879809979
Packaging unit	1

Electrical data

Conductor resistance (wire)	13.3 Ω /km @ 20 °C
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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
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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)	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

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-08-10

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com

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	980
Cable weight	97,5 g/m
Stranding	1 × 5 wires stranded
Wire arrangement	BN, WH, BU, BK, GY
Material wire insulation	PUR
Amount wires	5
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	CFC-free, lead-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)	13,5 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