

M12 Power male recept. K-cod. front

PUR-wires 5x1.5 0.2m

Art.No.: 7000-P3281-9880020

Weight: 0.056 kg

Country of origin: DE

Model designation: MSWAKFV-U988_0.2

Flange male

M12, 5-pole

K-coded

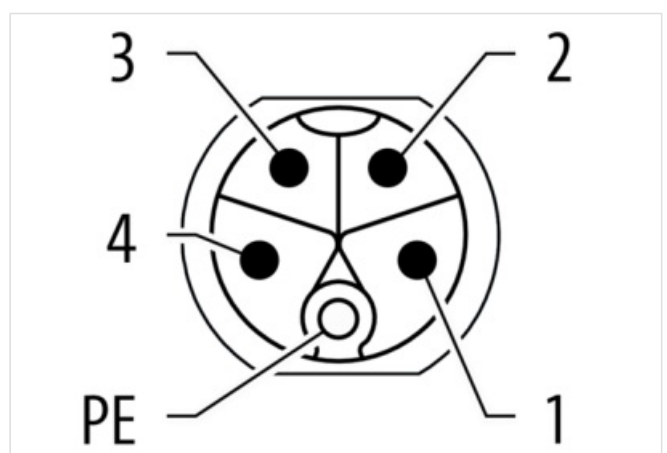
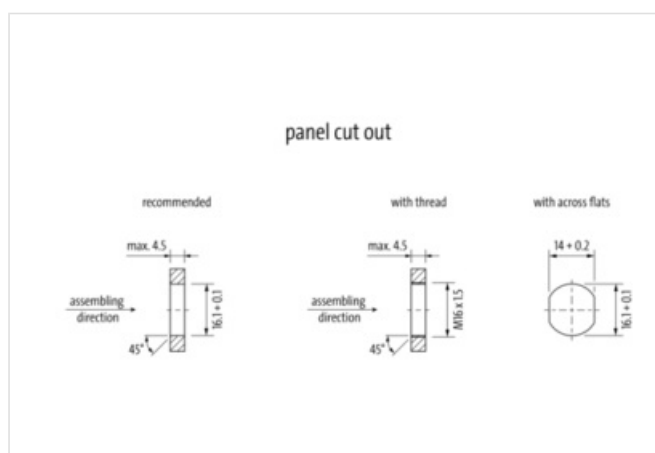
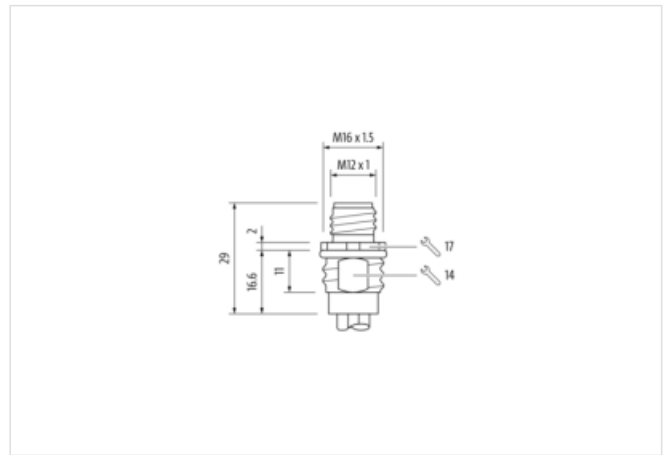
Front mounting

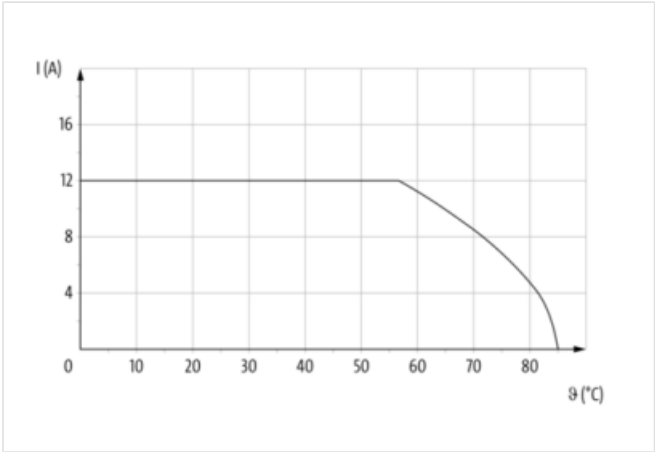
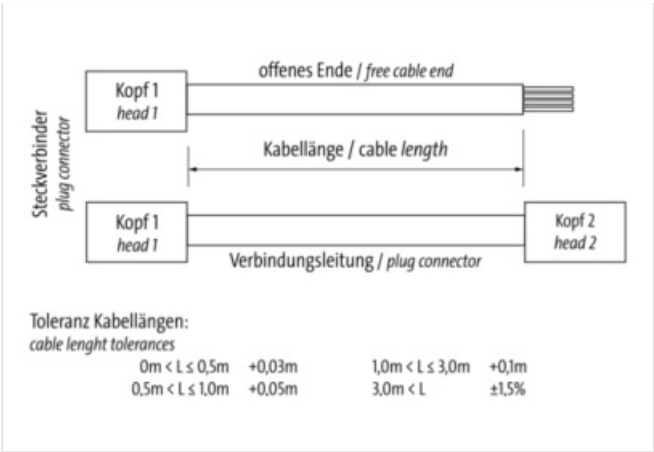
Power

with multi-strand wire

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	0,20 m
Side 1	
Family construction form	M12P
No. of poles	5
Coding	K
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-P3281-9880020
GTIN	4048879752787
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
customs tariff number	85444290
EAN	4048879752787
Packaging unit	1

Electrical data

Conductor resistance (wire)	13.3 Ω/km @ 20 °C
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Electrical data | Supply

Operating voltage AC max.	600 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	SW17

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67, IP65
Protection NEMA	6P, 4, 3
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	18 A
Rated surge voltage	6 kV
Isolation resistance	20 MΩ × 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
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Material conductor wire	copper stranded wire, tinned
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Mechanical data | Mounting data

Mounting method	inserted, screwed
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Cable weight	19,5 g/m
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Environmental characteristics | Climatic

Operating temperature min.	-30 °C
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Operating temperature max.	85 °C
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Operating temperature min. (static)	-40 °C
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Operating temperature max. (static)	-40 °C ... 90 °C
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Operating temperature min. (dynamic)	-25 °C
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Operating temperature max. (dynamic)	-25 °C ... 90 °C
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Additional condition temperature range	depending on cable quality
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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.
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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Conformity

Product standard	EN IEC 61076-2-111
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Approvals

UL 50E	Yes
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Resistances | Cable

Stranding	1 × 5 wires stranded
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Wire arrangement	BN, WH, BU, BK, GNYE
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Material wire insulation	PUR
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Amount wires	5
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Outer diameter insulation	2.4 mm ± 0.1 mm
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Conductor crosssection (wire)	1,5 mm ²
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Material conductor wire	copper stranded wire, tinned
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Core construction (wire)	30 × 0.25 mm
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Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
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Conductor resistance (wire)	13.3 Ω/km @ 20 °C
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Nominal voltage max.	900 V
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Withstand voltage (wire - wire)	3.31 kV @ 60 s
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Withstand voltage (wire - jacket)	3.31 kV
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Current load capacity max. (wire)	13,5 A
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Current load capacity (standard)	to DIN VDE 0298-4
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Isolation resistance	20 MΩ × km
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Operating temperature (static)	-40 °C ... 90 °C
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Operating temperature (dynamic)	-25 °C ... 90 °C
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Flame resistance	IEC 60332-1-2
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Oil resistance	IEC 60811-404
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Other resistances	resistant to hydrolysis, resistant to microbes
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Notes	application-related testing
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