

M12 Power male recept. T-cod. front

PUR-wires 4x1.5 1m

Art.No.: 7000-P7281-9440100

Weight: 0.128 kg

Country of origin: DE

Model designation: MSWATFV-T944_1.0

Flange male

M12, 4-pole

T-coded

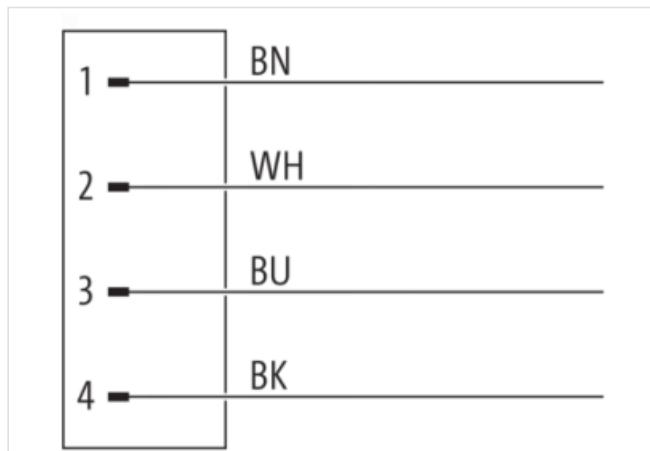
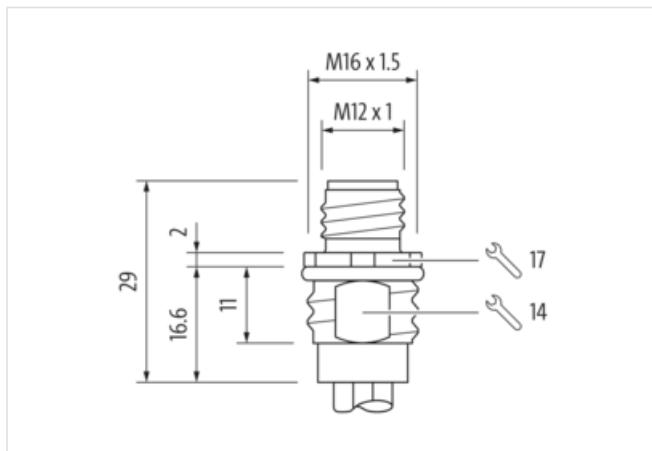
Front mounting

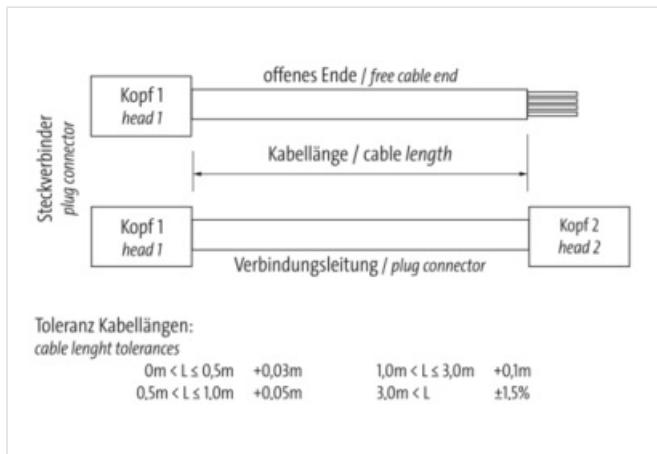
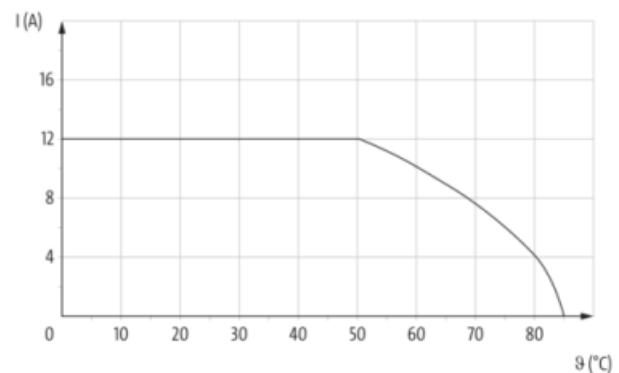
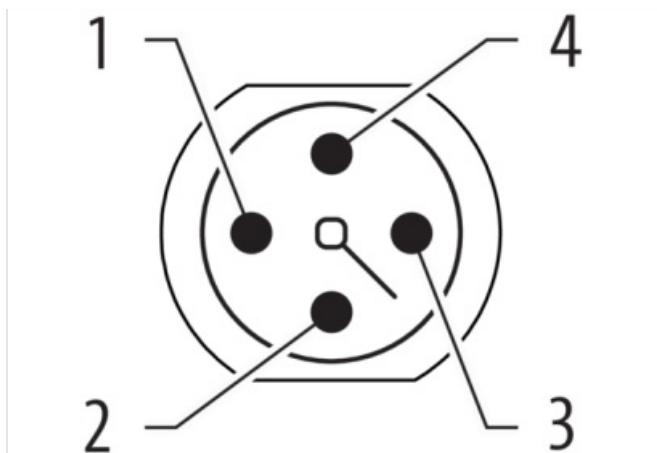
Power

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



Header

Material short text MSWATFV-T944_1.0

Cable length 1,00 m

Side 1

Family construction form M12P

No. of poles 4

Coding T

Mounting method inserted, screwed

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) IP67, IP65, IP69K

Commercial data

URL Webshop <https://shop.murrelektronik.com/7000-P7281-9440100>

GTIN 4048879909327

ECCLASS-6.0	27279220
ECCLASS-6.1	27279220
ECCLASS-7.0	27440103
ECCLASS-7.1	27440103
ECCLASS-8.0	27440103
ECCLASS-8.1	27440103
ECCLASS-9.0	27440103
ECCLASS-9.1	27440109
ECCLASS-10.0.1	27440109
ECCLASS-10.1	27440103
ECCLASS-11.0	27440109
ECCLASS-11.1	27440103
ECCLASS-12.0	27440103
ECCLASS-13.0	27440109
ECCLASS-14.0	27440109
ETIM-5.0	EC002061
ETIM-6.0	EC002061
customs tariff number	85444290
EAN	4048879909327
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	SW17

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
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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
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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.
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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.

Conformity

Product standard EN IEC 61076-2-111

Approvals

UL 50E yes

Temperature range | Cable

Cable identification	944
Wire arrangement	brown, Black, blue, white
Cable weight	85 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 mm ²
Material conductor wire	copper stranded wire, tinned
Conductor type (wire)	Strand class 5
Conductor resistance (wire)	13.3 Ω/km @ 20 °C
Isolation resistance	20 MΩ × km
Nominal voltage max.	900 V
Withstand voltage (wire - wire)	3.31 kV @ 60 s
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C