

M12 Power male recept. T-cod. front

PVC-wires 4x1.5 0.5m

Flange male

M12, 4-pole

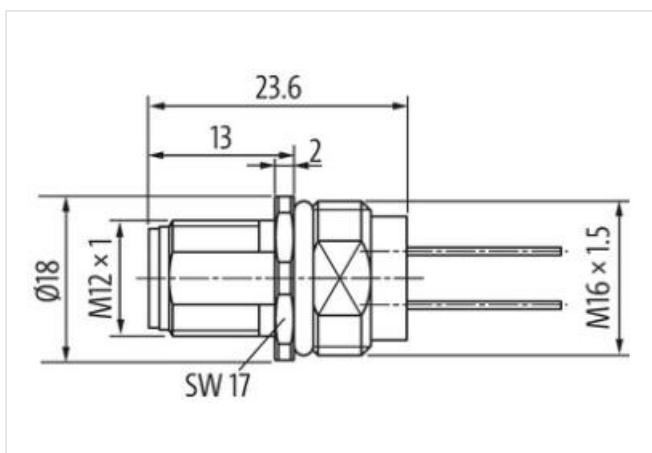
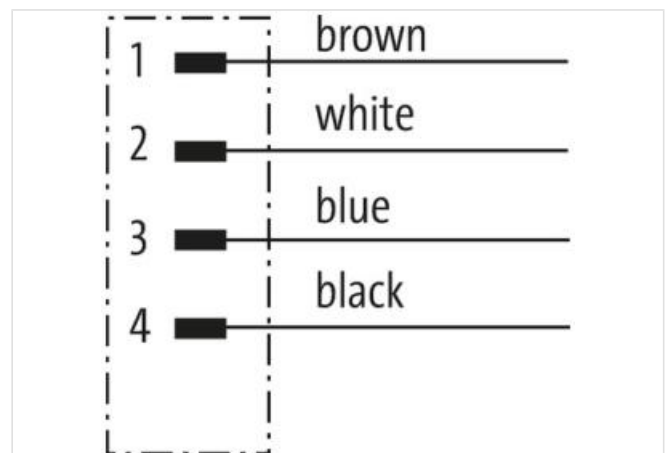
T-coded

Front mounting

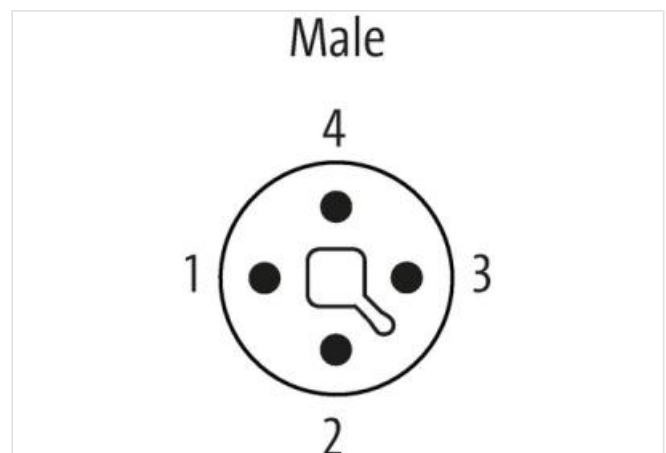
with multi-strand wire

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 0,5 m

Side 1

Tightening torque 0,6 Nm

Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
Coding	T
Material contact	Copper alloy

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	EC002635
customs tariff number	85444290
GTIN	4048879698610
Packaging unit	1

Electrical data | Supply

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

Installation | Connection

Mounting set	M16 x 1.5
Width across flats	SW17
Mating cycles min.	100

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	II

Mechanical data | Material data

Material contact carrier	PA
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Mechanical data | Mounting data

Mounting method	inserted, screwed
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Environmental characteristics | Climatic

Operating temperature min.	-40 °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.

Resistances | Cable

Cable identification	941
wire arrangement	brown, white, blue, black
Material wire insulation	PVC
Amount wires	4
Conductor crosssection (wire)	1,5 mm ²
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	85 °C

Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 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