

M12 male recept. A-cod. front F&B

PUR-wires 4x0.34 1m

Art.No.: 7014-13501-9710100

Weight: 0.051

Country of origin: DE

Model designation: MSAFV-T971_1.0-S14

F&B

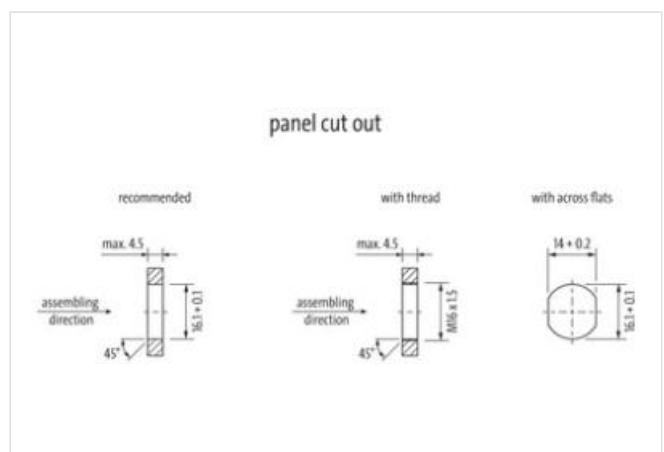
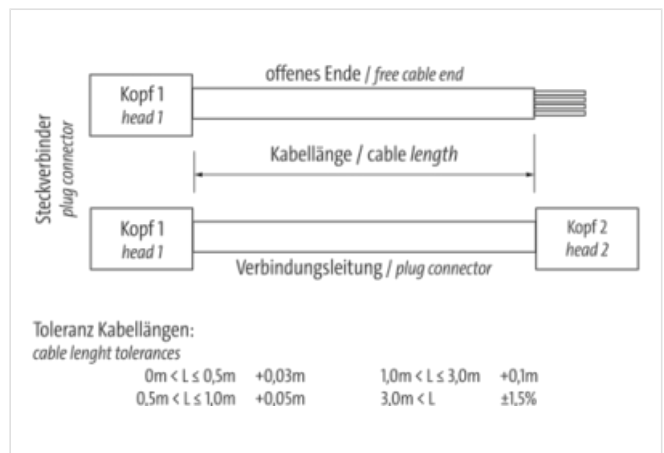
Flange male

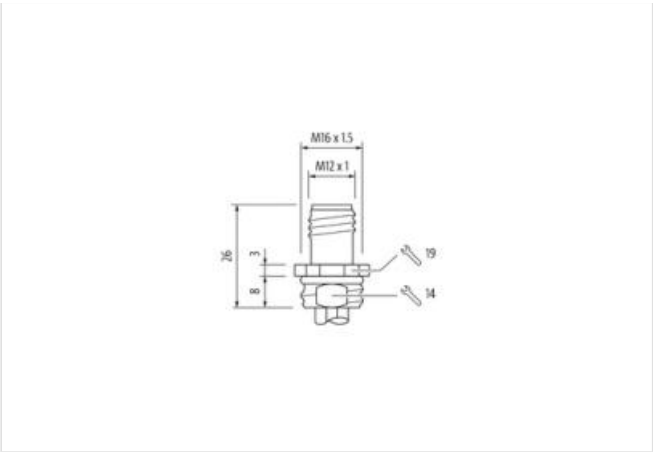
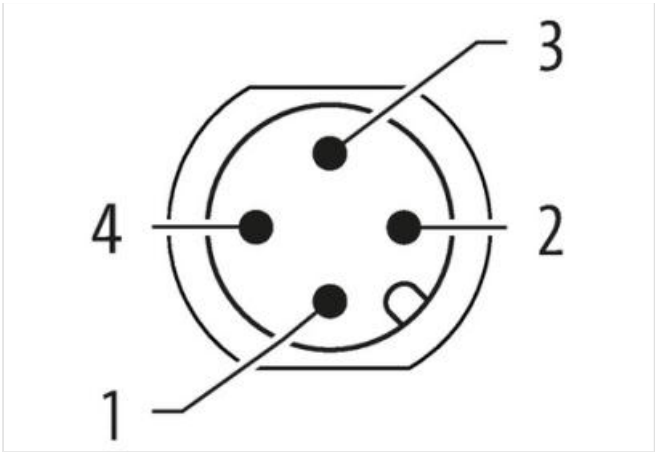
M12, 4-pole

Front mounting

with multi-strand wire

Stainless steel 1.4404 (V4A)

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



Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
No. of poles	4
Width across flats	SW14
Degree of protection (EN IEC 60529)	IP67, IP69K
Commercial data	
ECLASS-6.0	27279218
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	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879363501
EAN	4048879363501
Packaging unit	1
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V

Current operating per contact max. 4 A

Diagnostics

Status indication LED no

Installation | Connection

Mounting set M16 x 1.5

Width across flats SW19

Device protection | Electrical

Degree of protection (EN IEC 60529) IP67, IP69K

Protection NEMA 3, 4, 6P

Additional condition protection degree screwed, mounted

Pollution Degree 3

Rated surge voltage 2,5 kV

Material group (IEC 60664-1) I

Mechanical data

Contour for corrugated hose without

Mechanical data | Material data

Material housing Stainless steel 1.4404 (V4A)

Material gasket EPDM

Locking material Stainless steel 1.4404 (V4A)

Mechanical data | Mounting data

Mounting method inserted, screwed, Shaking protection

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 DIN EN 61076-2-101 (M12)

Approvals

UL 50E yes

Installation | Cable

Cable identification 971

Material wire insulation PUR

Amount wires 4

Outer diameter insulation 1,3 mm

Outer diameter tolerance core insulation ± 5 %

Conductor crossection (wire) 0,34 mm²

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

Bending radius (fixed) 5 x Outer diameter