

M12 male recept. A-cod. front V2A

TPE-wires 12x0.14 1m

Art.No.: 7002-19161-9790100

Weight: 0.086

Country of origin: DE

Model designation: MSAFV-12E979_1.0-S02

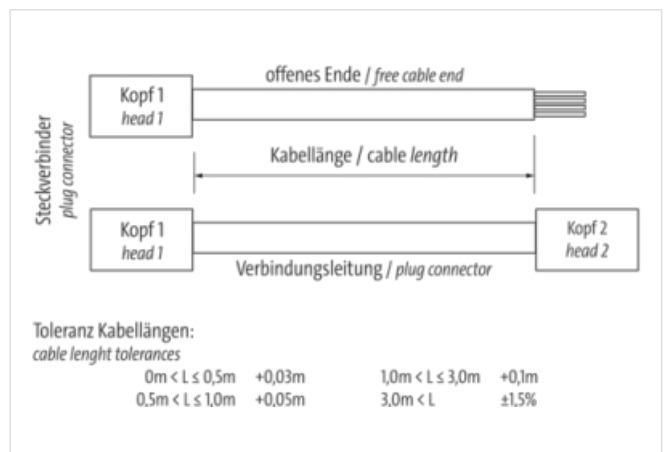
Flange male

M12, 12-pole

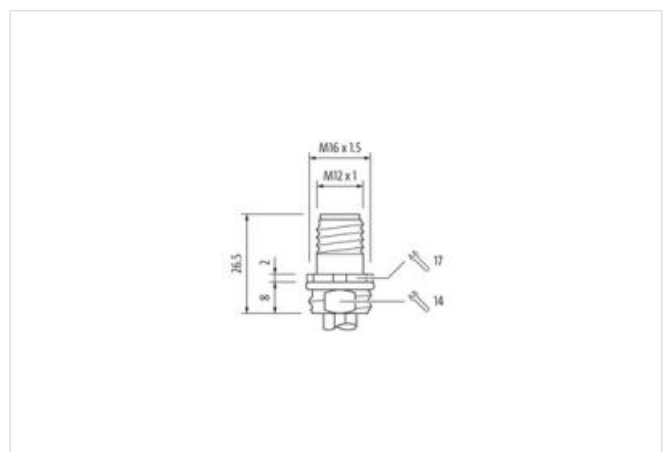
Front mounting

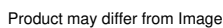
with multi-strand wire

Stainless steel 1.4305 (V2A)

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

1	BN
2	BU
3	WH
4	GN
5	PK
6	YE
7	BK
8	GY
9	RD
10	VT
11	GY PK
12	RD BU





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Status indication LED no

Installation | Connection

Mounting set M16 x 1.5
Width across flats SW17

Device protection | Electrical

Protection NEMA 3, 4, 6P
Additional condition protection degree inserted, screwed
Pollution Degree 3
Rated surge voltage 0,8 kV
Material group (IEC 60664-1) I

Mechanical data | Material data

Locking material Stainless steel 1.4305 (V2A)

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

wire arrangement brown, blue, white, green, pink, yellow, black, gray, red, violet, gray-pink, red-blue
Cable identification 979
wire arrangement brown, blue, white, green, pink, yellow, black, gray, red, violet, gray-pink, red-blue
Material wire insulation PP
Amount wires 12
Outer diameter insulation 1,25 mm
Outer diameter tolerance core insulation $\pm 5\%$
Conductor crosssection (wire) 0,14 mm²
Min. operating temperature (static) -40 °C
Max. operating temperature (fixed) 85 °C
Operating temperature min. (dynamic) -25 °C
Operating temperature max. (dynamic) 85 °C
Flame resistance IEC 60332-2-2 | UL 1581 § 1090 | UL 1581 § 1100 FT2
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
Bending radius (dynamic) 15 x Outer diameter