

**M12 male recept. A-cod. front incl. nut**

TPE-wires 12x0.14 0.5m

Art.No.: 7000-19162-9790050

Weight: 0.047

Country of origin: DE

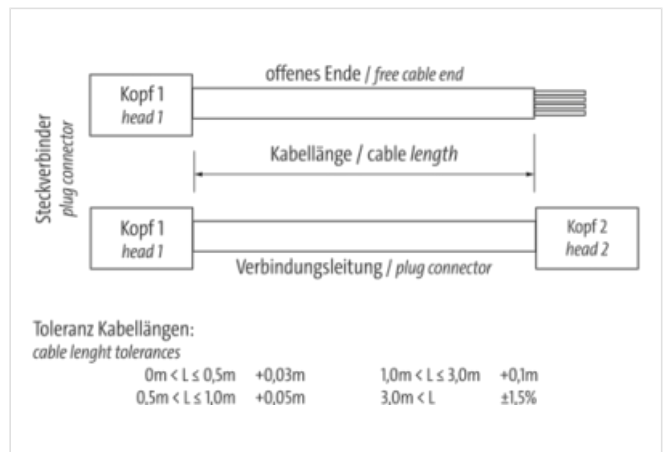
Model designation: MSAFV-12E979\_0.5

Flange male

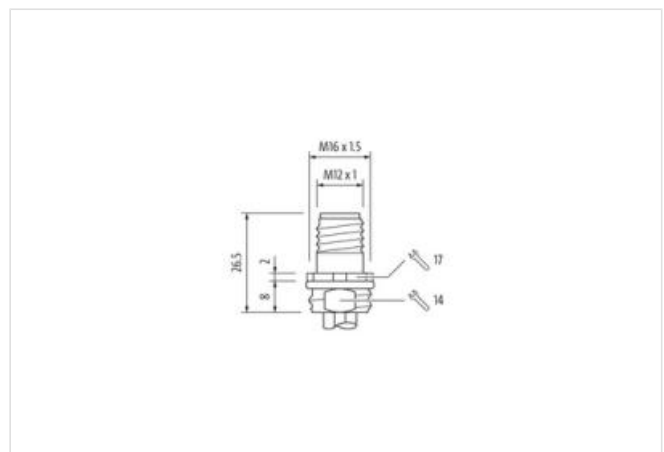
M12, 12-pole

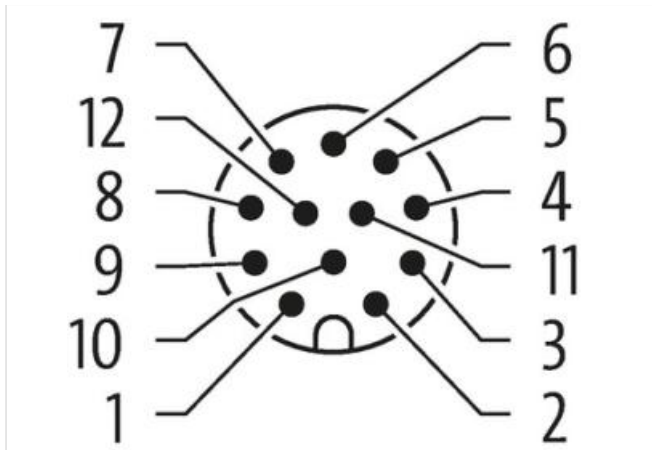
Front mounting

with multi-strand wire

[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





Product may differ from Image



Cable length 0,5 m

**Side 1**

Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	Zinc die-casting
No. of poles	12
Width across flats	SW17
Degree of protection (EN IEC 60529)	IP67

**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	EC001855
customs tariff number	85444290
customs tariff number	85444290
GTIN	4048879553841
GTIN	4048879553841
Packaging unit	1
Packaging unit	1

**Electrical data | Supply**

Operating voltage AC max.	30 V
Operating voltage DC max.	30 V

Current operating per contact max. 1,5 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

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

Contour for corrugated hose without

#### Mechanical data | Material data

Coating locking Nickeled

Coating of fitting nickel plated

Locking material Zinc die-casting

Material screw connection Zinc die-casting

#### Mechanical data | Mounting data

Mounting method inserted, screwed

#### 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 mm<sup>2</sup>

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