

M12 male recept. A-cod. rear

TPE-wires 12x0.14 0.2m

Art.No.: 7000-19165-9790020

Weight: 0.028

Country of origin: DE

Model designation: MSAFH-12E979_0.2

Flange male

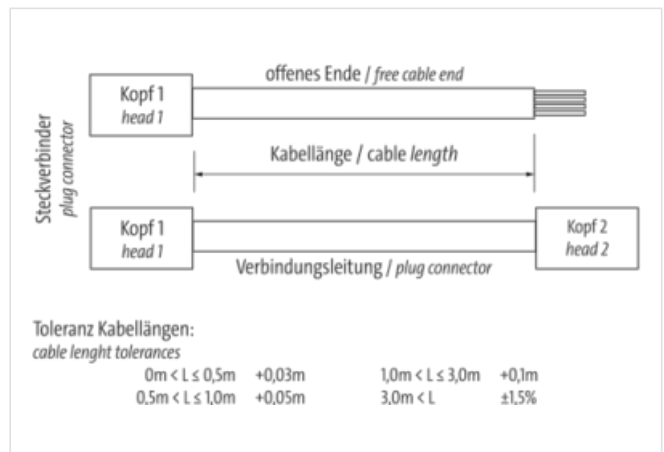
M12, 12-pole

Rear mounting

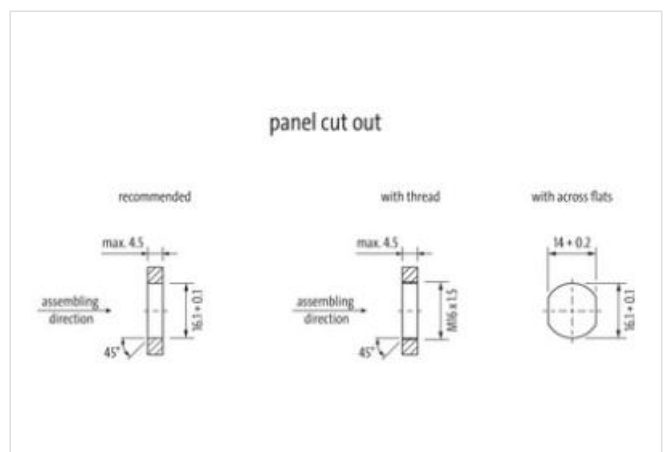
with multi-strand wire

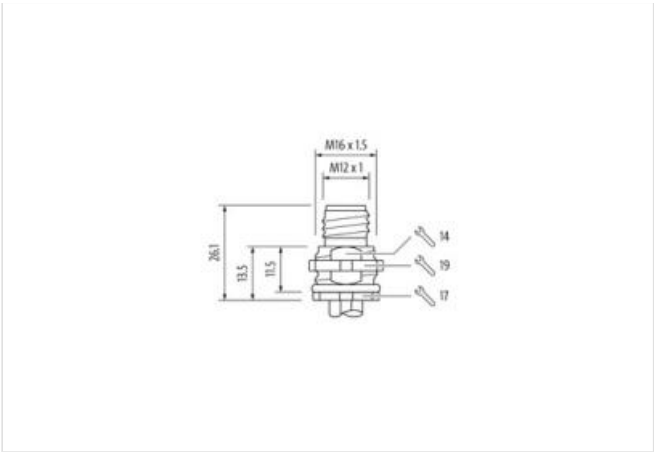
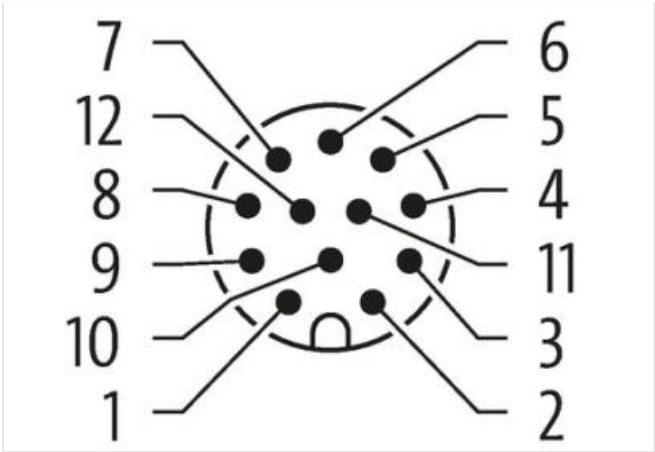
Link to Product

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	0,2 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	Brass
No. of poles	12
Width across flats	SW14
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	4048879332248
GTIN	4048879332248
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

Material housing Brass

Coating housing nickel plated

Coating locking nickel plated

Coating of fitting nickel plated

Locking material Brass

Material screw connection Brass

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 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

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