

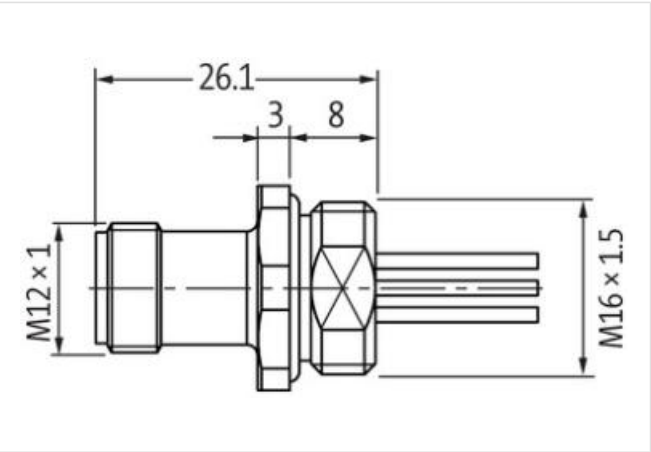
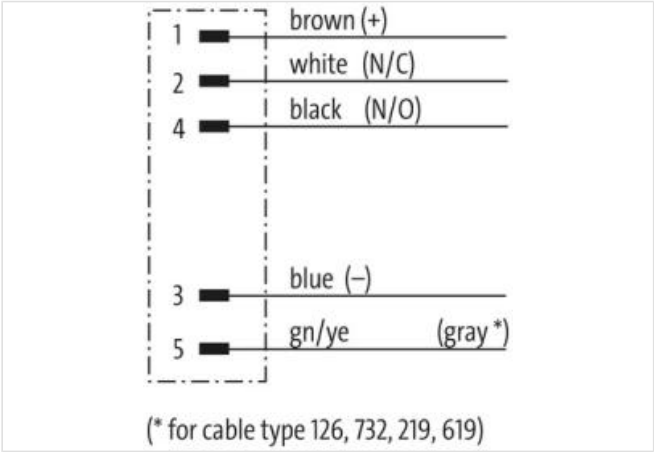
M12 male recept. A-cod. front F&B

PP-wires 5x0.34 1m

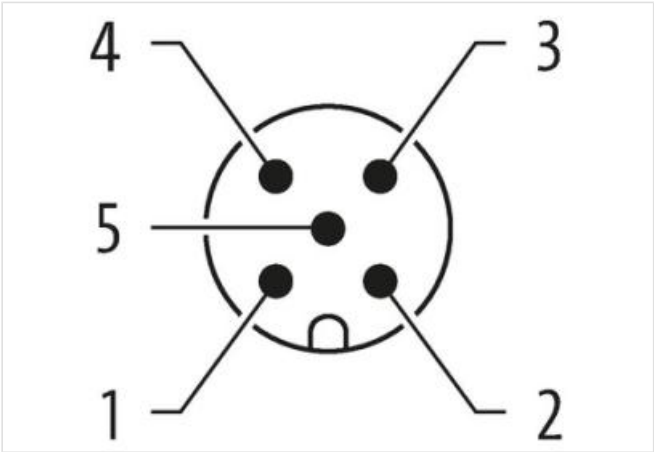
F&B
Flange male
M12, 5-pole
Front mounting
with multi-strand wire
Stainless steel 1.4404 (V4A)

[Link naar het product](#)

Afbeelding



Product van afwijken van afbeelding



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	5
Degree of protection (EN IEC 60529)	IP67, IP69K

Side 2

Coating contact	gold plated
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Commerciële gegevens

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
Douane tarief nummer	85444290
GTIN	4048879363631
Verpakkingseenheid	1

Electrical data | Supply

Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Current operating per contact max.	4 A

Diagnostics

Status indication LED	no
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Installation | Connection

Mounting set	M16 x 1.5
Width across flats	SW19

Device protection | Electrical

Protection NEMA	3, 4, 6P
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I

Mechanical data

Contour for corrugated hose	without
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Mechanical data | Material data

Material gasket	EPDM
Material housing	Stainless steel 1.4404 (V4A)
Locking material	Stainless steel 1.4404 (V4A)

Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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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

Resistances | Cable

Cable identification

972

wire arrangement

brown, white, blue, black, gray

Material wire insulation

PUR

Amount wires

5

Outer diameter insulation

1,3 mm

Outer diameter tolerance core insulation

± 5 %

Amount strands (wire)

19

Diameter of single wires

0,15 mm

Conductor crosssection (wire)

0,34 mm²

Material conductor wire

copper stranded wire, tinned

Conductor type (wire)

Strand class 5

Nominal voltage AC max.

300 V

Electrical resistance line constant wire

58 Ω/km @ 20 °C

AC withstand voltage (wire - wire)

1,5 kV

Power frequency withstand voltage (wire - jacket)

1,5 kV

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

Good, application-related testing | DIN EN 60811-404