

M12 male 0° / M12 female 0° A-cod. shielded

PUR 3x0.34 shielded gy 20m

⚠ NOTICE ⚠**PRODUCT WILL BE DISCONTINUED BY MARCH 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

Male straight – female straight

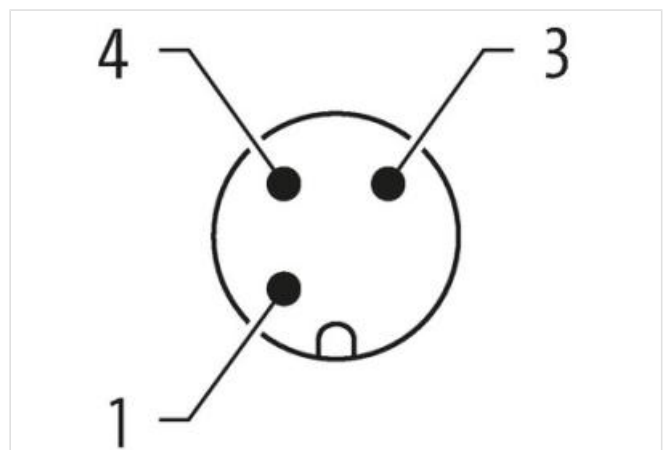
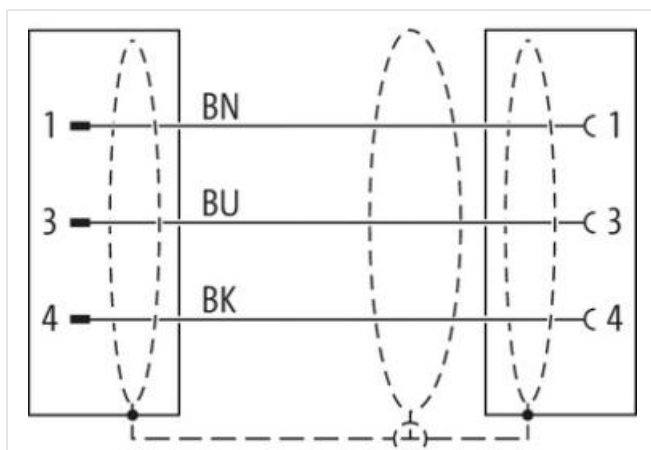
M12 – M12, 3-pole

shielded

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Link naar het product](#)**Afbeelding**



Product van afwijken van afbeelding



Cable length	20 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commerciële gegevens	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
Douane tarief nummer	85444290
GTIN	4048879428392
Verpakkingseenheid	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V

Current operating per contact max. 4 A

Installation | Connection

Mounting set M12 x 1

Device protection | Electrical

Additional condition protection degree inserted, screwed

Rated surge voltage 1,5 kV

Material group (IEC 60664-1) I

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, 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)

Installation | Cable

wire arrangement brown, blue, black

Cable identification 318

Jacket Color gray

Amount stranding 1

Stranding 3 wires twisted

Cable shielding (type) copper braiding, bare

Cable shielding (coverage) 85 %

wire arrangement brown, blue, black

Material jacket PUR

Outer-diameter (jacket) 5,9 mm

Tolerance outer diameter (sheath) $\pm 5\%$

Material wire insulation PVC

Amount wires 3

Conductor crosssection (wire) 0,34 mm²

Current load capacity (standard) to DIN VDE 0298-4

Current load capacity min. wire 6 A

Min. operating temperature (static) -30 °C

Max. operating temperature (fixed) 80 °C

Operating temperature min. (dynamic) -5 °C

Operating temperature max. (dynamic) 70 °C

UV resistance DIN EN ISO 4892-2 A

Flame resistance UL 1581 § 1090 | UL 1581 § 1100 FT2 | 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

Bending radius (fixed) 10 x Outer diameter

Bending radius (dynamic)	15 x Outer diameter
--------------------------	---------------------