

**M8 female 0° A-cod. with cable**

PUR 3x0.25 bk UL/CSA 2.5m

**⚠ NOTICE ⚠****PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

Female straight

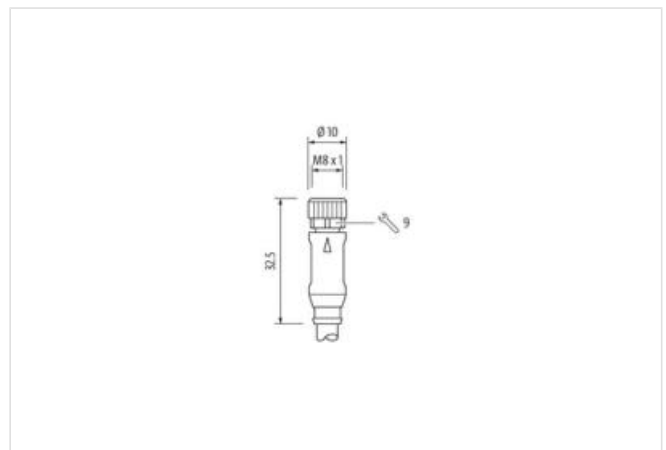
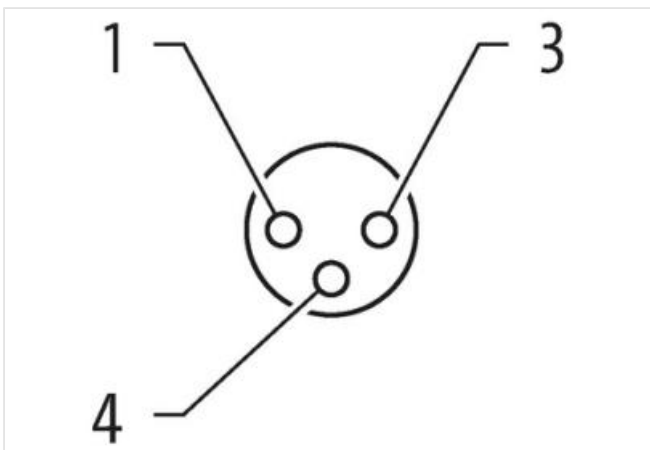
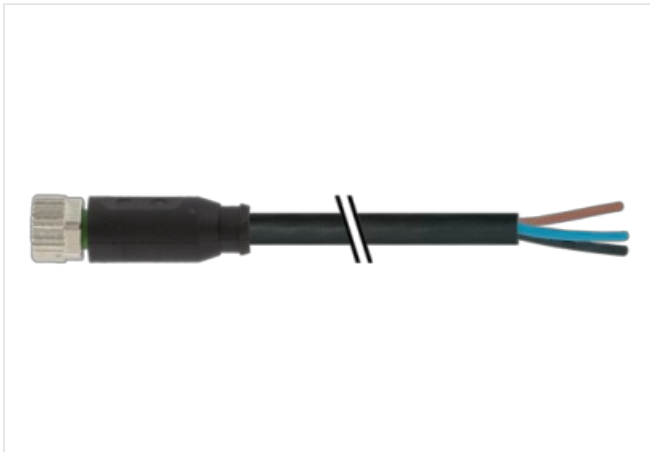
M8, 3-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request  
with cable sleeves

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	2,5 m
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**Side 1**

Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Cable outlet	straight
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67

**Side 2**

Stripping length (jacket)	20 mm
Coating contact	gold plated

**Commerciële gegevens**

ECLASS-6.0	27061801
ECLASS-6.1	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
Douane tarief nummer	85444290
GTIN	4048879893367
Verpakkingseenheid	1

**Electrical data | Supply**

Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A

**Diagnostics**

Status indication LED	no
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**Installation | Connection**

Stripping length (jacket)	20 mm
Mounting set	M8 x 1

**Device protection | Electrical**

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I

**Mechanical data | Material data**

Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
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

#### Conformity

Product standard                                    DIN EN 61076-2-114 (M8)

#### Installation | Cable

Cable identification                                620

Cable Type    2

Jacket Color                                         black

Type of Certificate                                cURus

Amount stranding                                 1

Stranding    3 wires twisted

wire arrangement                                brown, black, blue

Cable weight                                       26,62 g/m

Material jacket                                    PUR

Shore hardness jacket                           85 ± 5 Shore A

Freedom from ingredients (jacket)           lead-free, cadmium-free, CFC-free, silicone-free

Outer-diameter (jacket)                        4,3 mm

Tolerance outer diameter (sheath)           ± 5 %

Material wire insulation                        PVC

Amount wires                                      3

Outer diameter insulation                      1,25 mm

Outer diameter tolerance core insulation    ± 5 %

Shore hardness wire insulation               43 ± 5 Shore D

Material properties wire insulation           good machinability

Ingredient freeness wire insulation        lead-free, cadmium-free, CFC-free, silicone-free

Amount strands (wire)                         32

Diameter of single wires                       0,1 mm

Conductor crosssection (wire)                0,25 mm<sup>2</sup>

Material conductor wire                        Stranded copper wire, bare

Conductor type (wire)                          strand class 6

Traversing distance (C-track)                5 m @ 25 °C | horizontal

Travel speed (C-track)                         2 Mio. @ 25 °C

Nominal voltage AC max.                       300 V

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

Current load capacity min. wire               4,5 A

Electrical resistance line constant wire    79 Ω/km @ 20 °C

AC withstand voltage (wire - wire)        2 kV @ 60 s

Power frequency withstand voltage (wire - jacket)    2 kV @ 60 s

Min. operating temperature (static)        -30 °C

Max. operating temperature (fixed)         80 °C

Operating temperature min. (dynamic)      -5 °C

Operating temperature max. (dynamic)      80 °C

UV resistance                                     DIN EN ISO 4892-2 A

Flame resistance                                 IEC 60332-2-2 | UL 1581 § 1100 FT2 | UL 1581 § 1090

chemical resistance                             Good, application-related testing

Gasoline resistance                            Good, application-related testing

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

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Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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