

**M8 female 90° A-cod. with cable**

PVC 4x0.34 gy CEI 5m

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

Female 90°

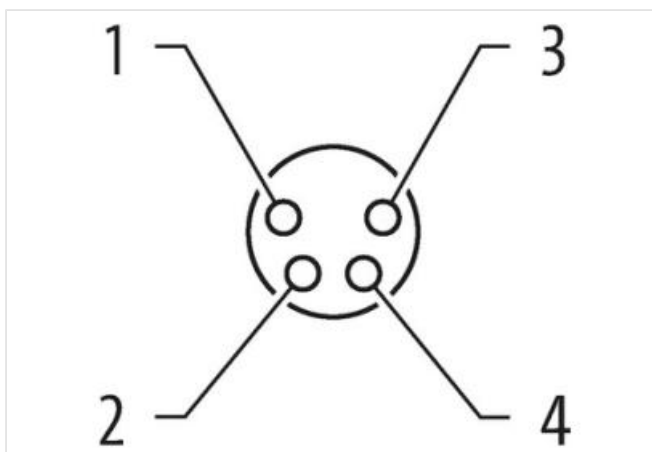
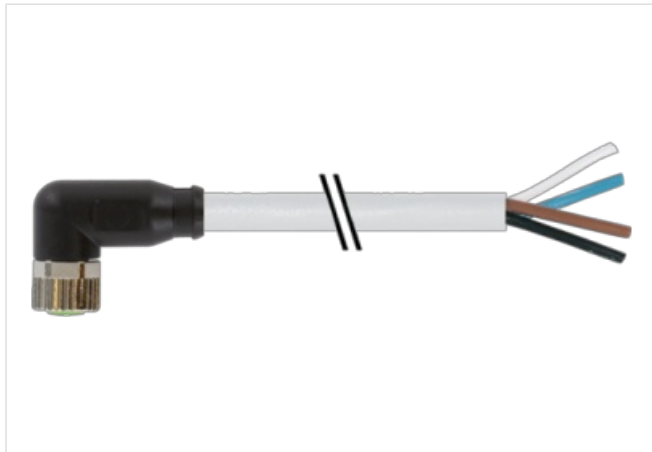
M8, 4-pole

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

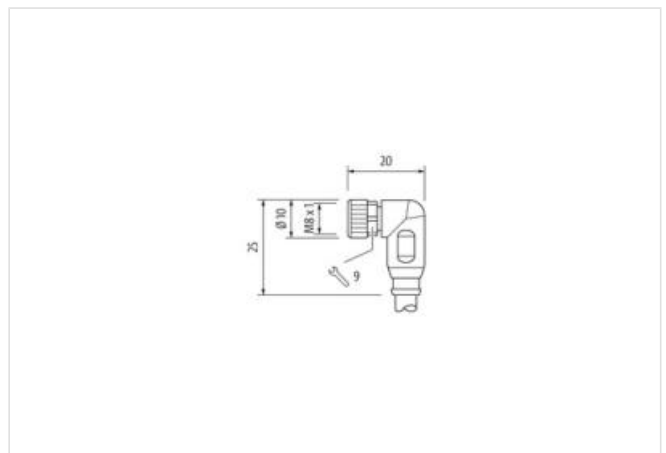
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

**[Link to Product](#)****Illustration**

Product may differ from Image



Cable length 5 m

#### 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	angled
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67

#### Side 2

Stripping length (jacket)	20 mm
Coating contact	gold plated
Family construction form	free cable end

#### Commercial data

ECLASS-6.0	27279218
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
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879227605
Packaging unit	1

#### Electrical data | Supply

Operating voltage AC max.	50 V
Operating voltage DC max.	60 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	Nickel
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

#### 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 61076-2-104 (M8)

#### Installation | Cable

wire arrangement      brown, white, blue, black

Cable identification      324

Jacket Color      gray

Amount stranding      1

Stranding      4 wires twisted

wire arrangement      brown, white, blue, black

Material jacket      PVC

Outer-diameter (jacket)      5 mm

Tolerance outer diameter (sheath)      ± 5 %

Material wire insulation      PVC

Amount wires      4

Conductor crosssection (wire)      0,34 mm<sup>2</sup>

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

Current load capacity min. wire      4,8 A

Min. operating temperature (static)      -30 °C

Max. operating temperature (fixed)      80 °C

Operating temperature min. (dynamic)      -10 °C

Operating temperature max. (dynamic)      80 °C

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

Bending radius (fixed)      5 x Outer diameter

Bending radius (dynamic)      10 x Outer diameter