

M8 female 0° A-cod. with cable

PVC 4x0.34 gy CEI 25m

Female straight

M8, 4-pole

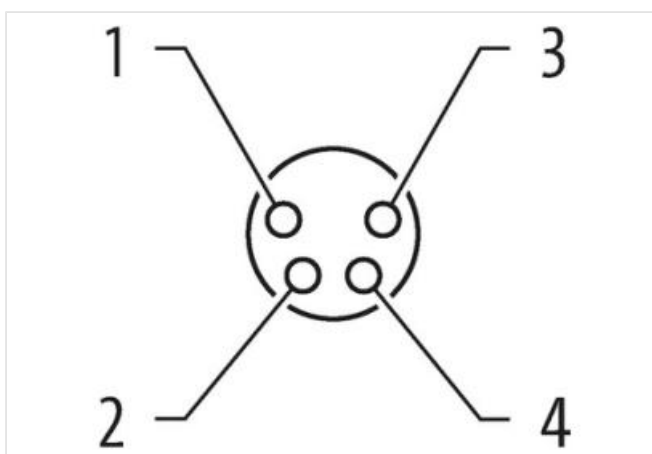
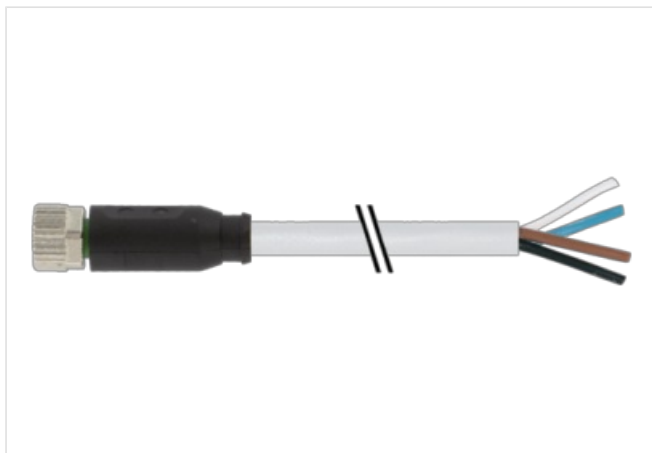
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request
with cable sleeves**⚠ NOTICE ⚠**

Plastic housings with good resistance against chemicals and oils.

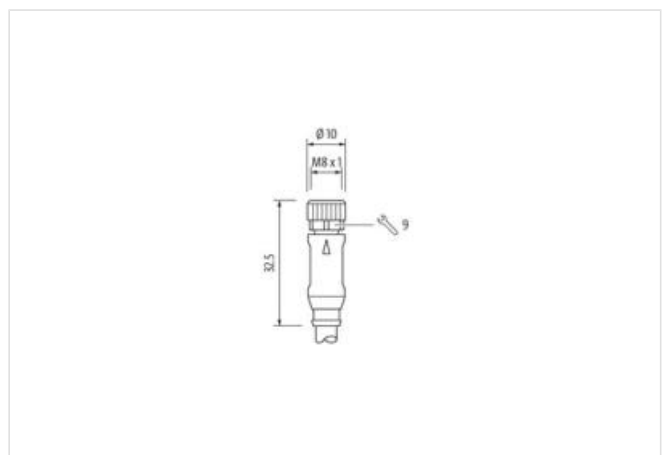
The resistance to aggressive media should be individually tested for your application. Further details on request.

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

Further cable lengths on request.

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

Product may differ from Image



Cable length 25 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
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	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
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879896221
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

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) $\pm 5\%$

Material wire insulation PVC

Amount wires 4

Conductor crosssection (wire) 0,34 mm²

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