

M8 female 0° A-cod. with cable

PUR 4x0.25 gy UL/CSA+robot+drag ch. 5m

Female straight

Zinc die casting, save-cover coated

M8, 4-pole

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

with cable sleeves

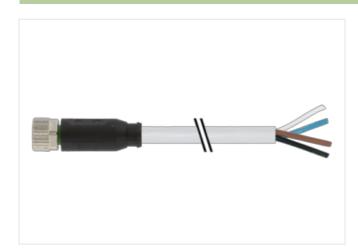
Plastic housings with good resistance against chemicals and oils.

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

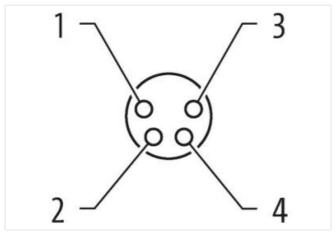
Further cable lengths on request.

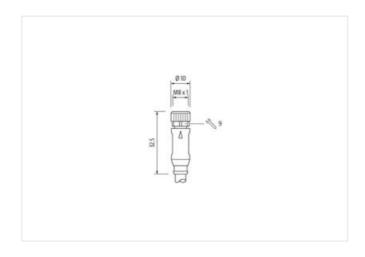
Link to Product

Illustration









Product may differ from Image











Cable length

5 m

Side 1



stay connected

Tightening torque	0.411:
	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 Material contact	A 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-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	4048879229630
Packaging unit	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
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	safe-cover coated
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20



Mounting method inserted, screwed, Shaking protection

Note on strain relief Protect the Note on bending radius Conformity Product standard DIN EN 61 Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding At wires tw wire arrangement Drown, bland Cable wire arrangement Cable wight Amount stranding Type of Certificate CURus Amount stranding At wires tw wire arrangement Drown, bland Cable weight Drown, bland Cable weight Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Amount wires Amount strands (wire) Shore hardness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Attranded Conductor type (wire) Stranded Conductor type (wire)	ck, blue, white
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Conductor type (wire) strand class	
	copper wire, bare
Naminal valtana AO may	ss 6
Nominal voltage AC max. 300 V	
Current load capacity (standard) to DIN VD	E 0298-4
Current load capacity min. wire 3,6 A	
Electrical resistance line constant wire 79 Ω/km (9 20 °C
AC withstand voltage (wire - wire) 2,5 kV @	60 s
Power frequency withstand voltage (wire - jacket) 2,5 kV @	60 s
Min. operating temperature (static) -40 °C	
Max. operating temperature (fixed) 80 °C / 90	°C @ 10000 h Operation
Operating temperature min. (dynamic) -25 °C	
Operating temperature max. (dynamic) 80 °C / 90	°C @ 10000 h Operation
Flame resistance IEC 60332	-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance Good, app	lication-related testing
• •	lication-related testing
Bending radius (fixed) 5 x Outer of	lication-related testing 811-404 Good, application-related testing
Oil resistance DIN EN 60	lication-related testing



Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min