

M8 male 0° A-cod. with cable

PVC 4x0.25 gy UL/CSA 5m

Male straight

M8, 4-pole

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

with cable sleeves

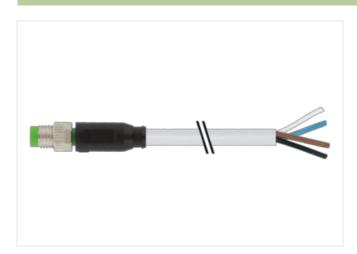
Plastic housings with good resistance against chemicals and oils.

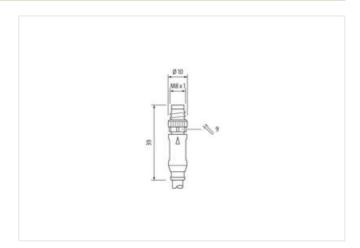
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

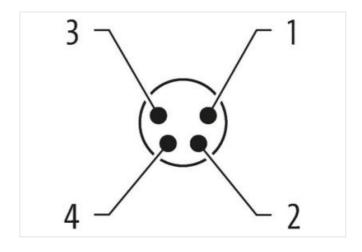
Link to Product

Illustration









Product may differ from Image











Cable length

5 m

Side 1

Tightening torque

0,4 Nm

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: 2024-05-17



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	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	27270218
ECLASS-6.0 ECLASS-6.1	27279218
	27279218
ECLASS-7.0 ECLASS-8.0	27279218 27279218
ECLASS-8.0 ECLASS-9.0	27060311
ECLASS-10.1 ECLASS-11.1	27060311 27060311
ECLASS-11.1	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879233217
Packaging unit	1
Electrical data Supply	
	FOLI
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)	T
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material contact carrier	TPU
Locking material	Zinc die-casting
Material screw connection	Brass



stay connected

Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
-	inserted, screwed, straking 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	211
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	34,76 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4.8 mm
Folerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1.25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
9	lead-free, cadmium-free, CFC-free, silicone-free 14
Amount strands (wire) Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm ²
Material conductor wire	
	Stranded copper wire, bare Strand class 5
Conductor type (wire) Nominal voltage AC max.	Strand class 5
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	3,6 A 79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire -	2 NV @ 00 S
acket)	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
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
	Good, application-related testing DIN EN 60811-404



Bending radius (fixed) 5 x Outer diameter

Bending radius (dynamic) 10 x Outer diameter