

M8 female 0° A-cod. with cable

PVC 4x0.25 ye UL/CSA 20m

Female 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.

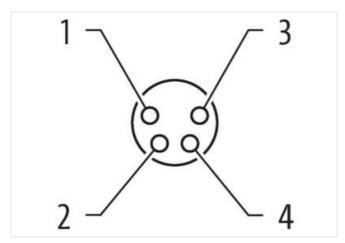
Further cable lengths on request.

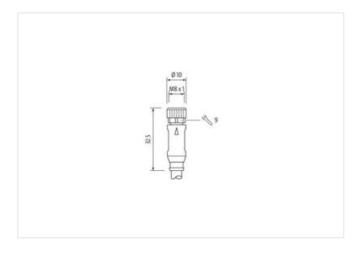
Link to Product

Illustration









Product may differ from Image











Cable length

20 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: 2024-05-18



stay connected

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
	Ties value and
Commercial data	07777010
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	4048879230230
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)	
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 Zinc die-casting
Mechanical data Mounting data	
	inserted earneed Chaking protection
Mounting method	inserted, screwed, Shaking protection

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stay connected

Environmental characteristics Climatic		
Operating temperature min.	-25 °C	
Operating temperature max.	85 °C	
additional condition temperature range	depending on cable quality	
Important installation notes		
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
lote on bonding radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	
lote on bending radius	endangered by excessive bending forces.	
Conformity		
roduct standard	DIN EN 61076-2-104 (M8)	
nstallation Cable		
able identification	011	
Cable Type	1	
acket Color	yellow	
ype of Certificate	cURus	
amount stranding	1	
Stranding	4 wires twisted	
vire arrangement	brown, black, blue, white	
Cable weigth	34,76 g/m	
laterial jacket	PVC	
hore hardness jacket	85 ± 5 Shore A	
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free	
uter-diameter (jacket)	4,8 mm	
olerance outer diameter (sheath)	±5%	
laterial wire insulation	PVC	
mount wires	4	
uter diameter insulation	1,25 mm	
uter diameter tolerance core insulation	±5%	
hore hardness wire insulation	45 ± 5 Shore D	
laterial properties wire insulation	good machinability	
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free	
mount strands (wire)	14	
iameter of single wires	0,15 mm	
Conductor crosssection (wire)	0,25 mm ²	
laterial conductor wire	Stranded copper wire, bare	
Conductor type (wire)	Strand class 5	
Iominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
current load capacity min. wire	3,6 A	
lectrical resistance line constant wire	79 Ω/km @ 20 °C	
C withstand voltage (wire - wire)	2 kV @ 60 s	
ower frequency withstand voltage (wire -	2 kV @ 60 s	
fin. operating temperature (static)	-30 °C	
lax. operating temperature (fixed)	80 °C	
perating temperature min. (dynamic)	-5 °C	
Operating temperature max. (dynamic)	80 °C	
lame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090	
hemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
Dil resistance	Good, application-related testing DIN EN 60811-404	
Bending radius (fixed)	5 x Outer diameter	
Bending radius (dynamic)	10 x Outer diameter	