

M8 female 0° A-cod. with cable

PUR 3x0.25 bk UL/CSA 1.1m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female straight

M8, 3-pole

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

with cable sleeves

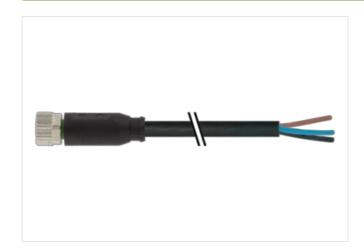
Plastic housings with good resistance against chemicals and oils.

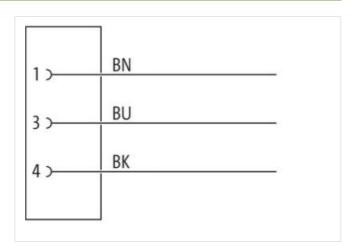
The resistance to aggressive media should be individually tested for your application. Further details on request.

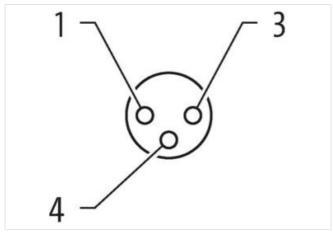
Further cable lengths on request.

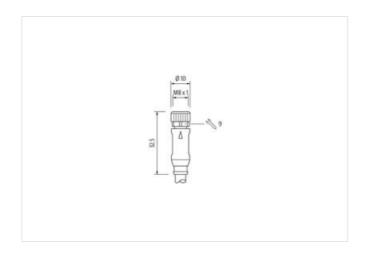
Link to Product

Illustration









Product may differ from Image













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Cable length	1,1 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	straight
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
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	4048879736022
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	
	inported paramed
Additional condition protection degree Pollution Degree	inserted, screwed 3
Rated surge voltage	3 1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
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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: 2024-05-16



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Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range Conformity	g on cable quality 1076-2-114 (M8) visted ack, blue
Mounting method inserted, s Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending Conformity Product standard DIN EN 6 Installation Cable Cable identification 620 Cable Type 2 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires two wire arrangement brown, black Environmental characteristics Climatic Operating temperature min25 °C Operating temperat	g on cable quality 1076-2-114 (M8) visted ack, blue
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Cable weigth 26 62 n/m	1
Material jacket PUR	
Shore hardness jacket 85 ± 5 Sh	
	cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket) 4,3 mm	
Tolerance outer diameter (sheath) ± 5 %	
Material wire insulation PVC	
Amount wires 3	
Outer diameter insulation 1,25 mm	
Outer diameter tolerance core insulation ± 5 %	
Shore hardness wire insulation 43 ± 5 Sh	
Material properties wire insulation good made	· · · · · · · · · · · · · · · · · · ·
<u> </u>	cadmium-free, CFC-free, silicone-free
Amount strands (wire) 32	
Diameter of single wires 0,1 mm	
Conductor crosssection (wire) 0,25 mm ²	
Material conductor wire Stranded	copper wire, bare
Conductor type (wire) strand cla	ss 6
Traversing distance (C-track) 5 m @ 25	°C horizontal
Travel speed (C-track) 2 Mio. @	25 °C
Nominal voltage AC max. 300 V	
Current load capacity (standard) to DIN VD	DE 0298-4
Current load capacity min. wire 4,5 A	
Electrical resistance line constant wire 79 Ω /km (
AC withstand voltage (wire - wire) 2 kV @ 60	0 s
Power frequency withstand voltage (wire - jacket) 2 kV @ 60	0 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	
UV resistance DIN EN IS	SO 4892-2 A
Flame resistance IEC 6033	2-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance Good, app	olication-related testing
Gasoline resistance Good, app	olication-related testing



Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter