

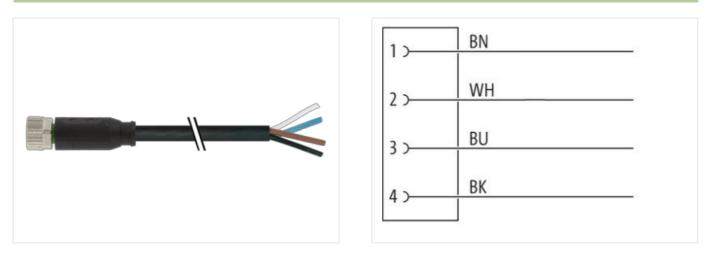
M8 female 0° A-cod. with cable

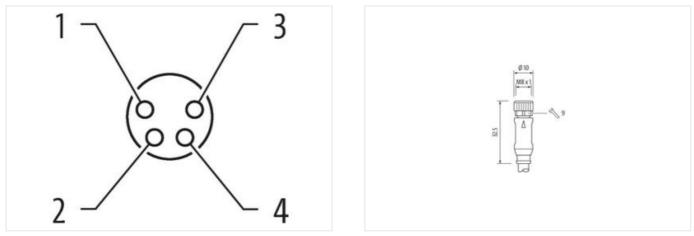
PUR 4x0.25 bk UL/CSA+drag ch. 10m

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



10 m

0,4 Nm

Cable length

Side 1

Tightening torque

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Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6.5 mm Coding A Material PUR No. of poles 4 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Site 2 Stripping length (jacket) 20 mm Coating constact Goaling constact gold plated Family construction form free cable end Coating constact gold plated Family construction form free cable end Coating constact gold plated Family construction form free cable end CockSs-0.0 27279218 ECLASS-0.0 27279218 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27080311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311	
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Status indication LED no	
Installation Connection	
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	
Mechanical data Mounting data	
Mounting method inserted, screwed, Shaking protection	
mounting mounou mounou, oneweu, onaxing proteotion	

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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	631			
Cable Type	3			
Jacket Color	black			
Type of Certificate	cURus			
Amount stranding	1			
Stranding	4 wires twisted			
wire arrangement	brown, black, blue, white			
Traversing distance (C-track)	10 m @ 25 °C horizontal			
Cable weigth	33 g/m			
Material jacket	PUR			
Shore hardness jacket	90 ± 5 Shore A			
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free			
Outer-diameter (jacket)	4,5 mm			
Tolerance outer diameter (sheath)	±5%			
Material wire insulation	PP			
Amount wires	4			
Outer diameter insulation	1,25 mm			
Outer diameter tolerance core insulation	±5%			
Shore hardness wire insulation	70 ± 5 Shore D			
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-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 class 6			
Nominal voltage AC max.	300 V			
Current load capacity (standard)	to DIN VDE 0298-4			
Current load capacity min. wire	3,6 A			
Electrical resistance line constant wire	79 Ω/km @ 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			
UV resistance	DIN EN ISO 4892-2 A			
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	Good, application-related testing DIN EN 60811-404			
Bending radius (fixed)	5 x Outer diameter			

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Bending radius (dynamic)	10 x Outer diameter	
Travel speed (C-track)	10 Mio. @ 25 °C	
No. of torsion cycles	2 Mio.	
Torsion stress	± 180 °/m	
Torsion speed	35 cycles/min	

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