

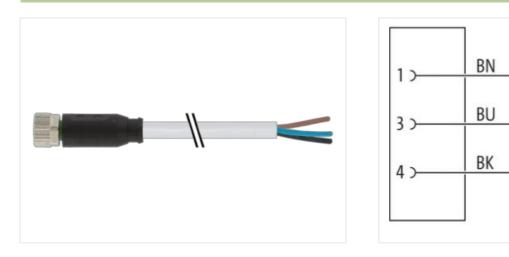
M8 female 0° A-cod. with cable

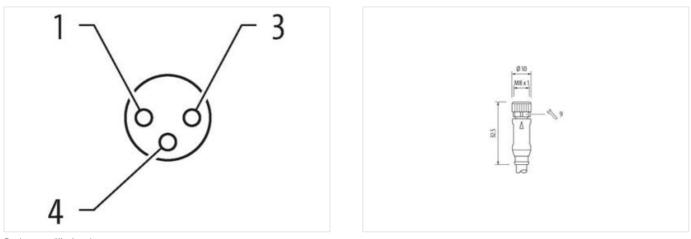
PUR 3x0.25 gy UL/CSA+drag ch. 6m

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



6 m

0,4 Nm

Cable length

Side 1

Tightening torque

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



Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M8	
Thread	M8 x 1	
suitable for corrugated tube (internal \emptyset)	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		
	20 mm	
Stripping length (jacket)	20 mm	
Coating contact	gold plated	
Family construction form	free cable end	
Commercial data		
ECLASS-6.0	27061801	
ECLASS-7.0	27061801	
ECLASS-8.0	27061801	
ECLASS-9.0	27061801	
ECLASS-10.1	27060311	
ECLASS-11.1	27060311	
ECLASS-12.0	27060311	
ETIM-5.0	EC001855	
customs tariff number	85444290	
GTIN	4048879766272	
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	
Mechanical data Mounting data		

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inserted, screwed, Shaking protection Mounting method Environmental characteristics | Climatic Operating temperature min. -25 °C 85 °C Operating temperature max. 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-104 (M8) Installation | Cable Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted brown, black, blue wire arrangement Cable weigth 26,4 g/m Material jacket PHR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.1 mm Tolerance outer diameter (sheath) ±5% Material wire insulation PP Amount wires 3 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 32 Amount strands (wire) Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C | horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4.5 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 -2,5 kV @ 60 s jacket) 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 § 1090 | UL 1581 § 1100 FT2 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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