

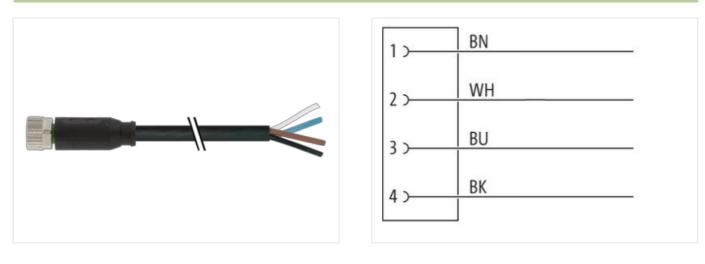
M8 female 0° A-cod. with cable

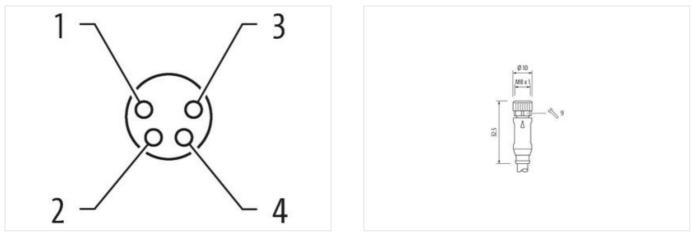
PUR 4x0.34 bk UL/ CSA+drag ch. 4m

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



4 m

0,4 Nm

Cable length

Side 1

Tightening torque

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Side 2 Stripping length (jacket) 20 mm Family construction form free cat Commercial data	alloy 266K, IP67 266K, IP67 28 28 29 29 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20
ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCable outletstraightCodingAMaterial contactCopperMaterialPURNo. of poles4Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IFSide 2Stripping length (jacket)20 mmFamily construction formfree catCommercial data272792ECLASS-6.0272792ECLASS-6.1272792ECLASS-6.1272792ECLASS-7.0272792ECLASS-10.1270603ECLASS-11.1270603ECLASS-12.0270603ETIM-5.0EC0018customs tariff number854442GTIN406590Packaging unit1Electrical data SupplyS0 VOperating voltage AC max.50 VOperating voltage AC (UL-listed)30 VCurrent operating per contact max.4 ADiagnosticsStatus indication LEDno	alloy 266K, IP67 266K, IP67 268 268 268 268 268 268 268 268 268 268
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Status indication LED no	
Installation Connection	
Stripping length (jacket) 20 mm	
Mounting set M8 x 1	
Device protection Electrical	
Additional condition protection degree inserted	d, screwed
Pollution Degree 3	
Rated surge voltage 1,5 kV	
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking Nickele	d
Coating of fitting nickel p	
Material gasket FKM	
	e-casting
Mechanical data Mounting data	e-casting

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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 wire arrangement brown, black, blue, white Cable identification 634 Cable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 36,3 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) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² 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 48A Electrical resistance line constant wire 57 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 -25 °C Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 | IEC 60332-2-2 | 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

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Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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