

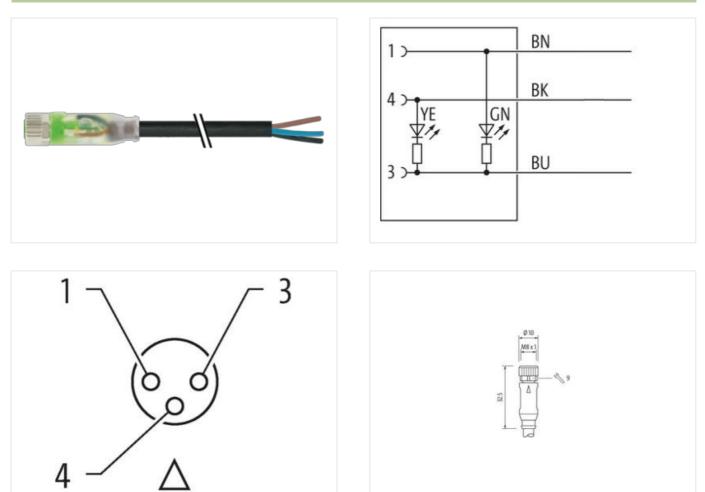
M8 female 0° A-cod. with cable LED

PUR 3x0.25 bk UL/CSA+robot+drag ch. 3m

Female straight M8, 3-pole 2× LED (PNP) Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request 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



3 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: 2024-05-20



Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal \emptyset)	6,5 mm
Cable outlet	straight
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP67
Side 2	
Stripping length (jacket)	20 mm
Family construction form	free cable end
Commercial data	
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	4048879523745
Packaging unit	1
Electrical data Supply	
	24.14
Operating voltage DC Operating voltage DC min.	24 V 18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
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Diagnostics	
Status indication LED	green, yellow
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	0,8 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	safe-cover coated
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C

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Important installation nodes Protocol monitors by submission from mochanal loads, o.g. by the usage of cable tes. Note on sharing radius Attention: Deserve the perimissible bending inclusters, as the IP protocol in class can be ording to successive bending forces. Conternity Protocol to Conternity Protocol test andard DEN EN 0176-2-104 (M8) Installation (Cable 50 Cable interflictson 10 Stranding 3 wires breaded Anound stranding 1 Stranding 3 wires breaded Vires argument trom, black, blue Cable weight 28,4 g/m Material pack 28,4 g/m Material pack 51,3 Stron D Freedom form ingradients (acoust) 84,4 fee., caamum-rec., CPC-res., halogen-free, silcone-free Addresi wei insulation 7,1 Stron Cable andinger (sheath) 1,5 % Material wei insulation 7,2 Stron Cable andinger (sheath) 1,5 % <th>Additional condition temperature range</th> <th>depending on cable quality</th>	Additional condition temperature range	depending on cable quality
Note on bording radius Alteritoric Objective bending forces. Contornity Endotronity Product standard DNE N6 10765-2104 (M8) Basilation (Oalie Edition (Oalie) Cable identification 650 Cable identification 650 Cable identification 040 Scale (Cot) btack Type of Carificate 0470x Around stranding 1 Stranding 1 Stranding 9 Stranding 9 Stranding 9 Stranding 9 Stranding 9 Stranding (Gote) 10 View strangement boom, btack bule Cable wight 28.4 g/m Material gotes 10.8 f/m Material gotes 10.8 f/m Material gotes 12.5 % Material wave soutation 7P Freedom from ingreadent (stocalin) 1.5 % Store Indirense wire installion 1.2 S mm Outer diameter instalation 1.2 S mm	Important installation notes	
Number	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DN EN 61076-2-104 (M6) Installion (Gabe Cable identification 650 Cable identification 650 Cable Type Since Cable Type <	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.
Institution (Cable Cable inference 660 Cable Type 5 Jacket Color black Type of Certificate CIPus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigh 26.4 g/m Material jacket PUR Stranding 53 3500 D Freedom from ingredents jacket) 16ad * res, cadmium /res, CFC-tree, halogen *ree, silicone *ree Outer diameter (jacket) 4.3 mm Tolerance outer diameter (shealth) 2.5 % Stranding wire insulation PP Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 1.4 ± 3 Shore D Ingredent thereness wire insulation 1.4 ± 4 3 Shore D Ingredent thereness wire insulation 1.4 ± 3 Shore D Ingredent thereness wire insulation 1.5 mm Carduader trossoccolin (wire) 3.2 Dameter of single wires 0.1 mm Carduader trossoccolin (wire) 3.5 % 5 % <tr< td=""><td>Conformity</td><td></td></tr<>	Conformity	
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Cable identification 660 Cable Type 5 Stacket Cator black Type of Certificate cUPus Amount stranding 1 Stranding 3 wires Iwsited wire arrangement brown, black, blue Cable weigh 26.4 g/m Material jackot PUR Store Inderfees jacket 58 a 3 Store D Freedom from ingedemts (lacket) 4.3 mm Tolerance outer diameter (glocket) 4.3 mm Tolerance outer diameter (sheath) 1.5 % Amount wires 3 Outer diameter insulation PP Amount wires 3 Outer diameter insulation 1.2 mm Outer diameter insulation 1.4 there, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire insulation 1.4 there, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter tolerance core insulation 1.5 % Store Inderfees wire insulation 1.4 there, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 30 Contert diameter insulation 1.4	Installation Cable	
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Conductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (ixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (mix.)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 06811-404 [Good, application-related testingOil resistanceDIN EN 06811-404 [Good, application-related testingGoil resistanceDIN EN 06811-404 [Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (fixed)5 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles1 Mio.	. ,	·
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No. of torsion cycles 1 Mio.		
· · · · · · · · · · · · · · · · · · ·	Travel speed (C-track)	10 Mio. @ 25 °C
Torsion stress ± 360 °/m	No. of torsion cycles	1 Mio.
	Torsion stress	± 360 °/m

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Torsion speed

35 cycles/min

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