

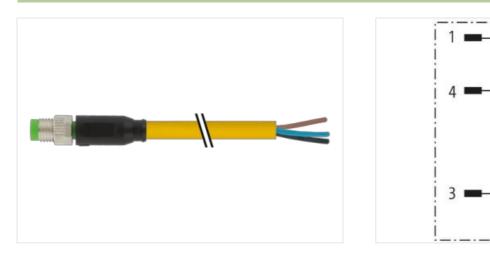
M8 male 0° A-cod. with cable

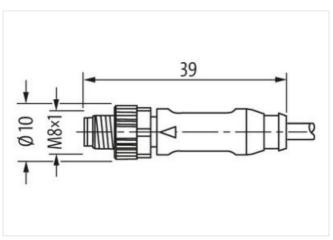
PVC 3x0.25 ye UL/CSA 1.5m

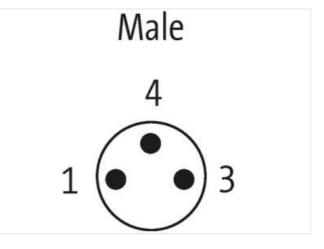
Male straight M8, 3-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product









brown (+)

black (N/O)

blue (-)

Product may differ from Image



1,5 m

Cable length

Technical Data

Operating voltage

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: 2023-07-27

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max. 50 V AC/60 V DC



Operating current per contact max. 4 A Ne. of poles 3 Ne. of poles 3 Ne. of poles 3 LED display no cocking of poles Scrow throad (M8-1 mm) recommended torque 0.4 Nm, soft securing Protection PBE, IPERCH (PEF material and inplatered (EN 60529) Material PUL Cocking material Zmc dic casing, matter nickel plated Subtack Smm Compression gland Ms (SW9) Controgradies dive Smmark Standards DIN EN 10702 2 104 (M8) Mouring method inserted. tipthemed Material contract Copper altry Material contract sufface Au Pollution Dugree 3 Stoppen bland() (Moult) 20 mm Temperature range 25+88 °C, depanding on cable quality Cable Cable distrition Olio 2898 °C, depanding on cable quality Cable distrition 010 Cable distrition 011 Cable distrition 012 Cable dis	Operating voltage (only UL listed)	30 V AC/DC
No. of poles 3 Material group IEC 60864-1, category 1 Locking of porls Screw Itread (MB-1 mm) recommended loque 0.4 Nm, self-securing Protection IP66, IP664, IP67 inserted and tightered (EN 00529) Material PUR Locking of porls Screw Itread (MB-1 mm) recommended loque 0.4 Nm, self-securing Material PUR Locking of porls Screw Itread (MB-1 mm) recommended loque 0.4 Nm, self-securing Compression gland Ms (SWB) Competitional Extended Standards DIN EN 61076 2 104 (MB) Mounting method Inserted, fightened Material contact Copper alky Material contact surface Au Pollution Degree 3 Strepping length (socket) 20 mm Temperature range -25, +85 °C, depending on cable quality Cable Coble Cable indentification 010	Rated surge voltage	1.5 kV
Material group IEC 60604.1. catagory I LED display no LED display no Lecking of ports Screew thread (M8.4 mm) recommended torque 0.4 Nm, self-securing Protoscion IP65, IP667, IP67 insented and lightaned (EN 00529) Maderal PUR Locking material Zinc die casting, materials (EN 00529) General data Simutation (M8 (SW9) Ceneral data Copper alloy Material contact Copper alloy Material contact surface Au Polizion Degree 3 Stripping leight (jacket) 20 mm Cable Identification 010 Cable Identification	Operating current per contact	max. 4 A
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Locking of parts Server thread (MA-1 mm) recommended longue 0.4 Nm, self-securing Protection IP06, IP06N, IP67 insected and lightomed (EN 66229) Material PUB Locking material Zmc die casting, matte nickel plated Statible for comparison M8 (SW9) General dita Enter Section Standards DIN EN 61078-2-104 (M8) Material contact Copper alloy Material contact Copper alloy Material contact surface Au Pollution Dugroe 3 Stripping length (tocket) 20 mm Temperature range -2585 °C, depending on cable quality Cable diverification 010 Cable forping L(AVM-Skyle 2464/1731, CSA Cable weight (tym) 23.37 g Material wire Cu wire, bare Resistor (coro) max, 72 Abm (20 °C) Standards Standards Material wire Cu wire, bare Resistor (coro) 14.0.15 mm (nufl-strand wire class 5) Diameter (core) 3.4.25 mm² Material wire Cu wire, bare <tr< td=""><td>Material group</td><td>IEC 60664-1, category I</td></tr<>	Material group	IEC 60664-1, category I
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Stranding combination3 wires twistedShieldnoMaterial jacketPVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness jacket85 ±5 AOuter-Ø (jacket)4.5 mm ±5%Color jacketyellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CBend radius (fixed)5× outer Ø	Wire-Ø incl. isolation	1.25 mm ±5%
ShieldnoMaterial jacketPVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness jacket85 ±5 AOuter-Ø (jacket)4.5 mm ±5%Color jacketyellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CBend radius (fixed)5× outer Ø		
Material jacketPVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness jacket85 ±5 AOuter-Ø (jacket)4.5 mm ±5%Color jacketyellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CBend radius (fixed)5× outer Ø		3 wires twisted
Material property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness jacket85 ± 5 AOuter-Ø (jacket)4.5 mm ±5%Color jacketyellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CBend radius (fixed)5× outer Ø		
Shore hardness jacket85 ±5 AOuter-Ø (jacket)4.5 mm ±5%Color jacketyellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)5× outer Ø	Material jacket	PVC
Outer-Ø (jacket)4.5 mm ±5%Color jacketyellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)5× outer Ø	Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Color jacketyellowchemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)5× outer Ø	Shore hardness jacket	85 ±5 A
chemical resistancegood resistance to oil, gasoline and chemicalsthermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CBend radius (fixed)5× outer Ø	Outer-Ø (jacket)	4.5 mm ±5%
thermal resistanceflame retardant UL 1581 VW1 / CSA FT1Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CBend radius (fixed)5× outer Ø	Color jacket	yellow
Nominal voltageUL 300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-30+80 °CTemperature range (mobile)-5+80 °CBend radius (fixed)5× outer Ø	chemical resistance	good resistance to oil, gasoline and chemicals
Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø	thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø	Nominal voltage	UL 300 V AC
Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø	Test voltage	2000 V AC
Temperature range (mobile) -5+80 °C Bend radius (fixed) 5× outer Ø	Current load capacity	to DIN VDE 0298-4
Bend radius (fixed) 5× outer Ø	Temperature range (fixed)	-30+80 °C
	Temperature range (mobile)	-5+80 °C
Bend radius (moving) 10× outer Ø	Bend radius (fixed)	5× outer Ø
	Bend radius (moving)	10× outer Ø

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: 2023-07-27

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