

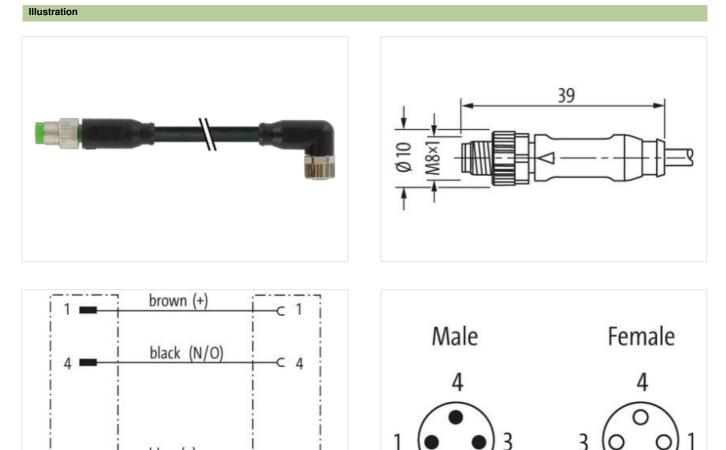
M8 male 0° / M8 female 90° A-cod.

PVC 3x0.25 bk UL/CSA 3.4m

Male straight – female 90° M8 – M8, 3-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Further cable lengths 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.

## Link to Product

3



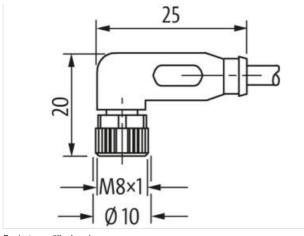
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blue (-)

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com

C 3





Product may differ from Image



\* only for products with UL/CSA approved cable

Form88021max. 50 V AC/60 V DCOperating voltage (only UL listed)30 V AC/DCRated surge voltage1.5 kVOperating current per contactmax. 4 ANo. of poles3Material groupIEC 60664-1, category ILED displaynoLocking of portsScrew thread (M8×1 mm) recommended torque 0.4 Nm, self-securingProtectionIPES, IPE6R, IPE7 inserted and tightened (EN 60529)Material groupBCLocking materialZinc die casting, matte nickel platedsuitable for corrugated tube (internal Ø)6.5 mmCompression gindM8 (SWB)Destridig (gastel)Goper alloyMaterialCoper alloyMaterial (contact surface)AuMaterial (gaskel)FKMPolution Degree3Temperature range-25+85 °C, depending on cable qualityDestridig (gaskel)FKMPolution Degree10 (PVC)Cable identification610Cable identification610Cable volg (gabe)U. (VAW-Style 2464/1731), CSACable volg (gabe)U. (VAW-Style 2464/1731), CSACable volg (Gabe)0.15 mmResistor (core)0.15 mmSingle wire 0 (core)0.15 mmCostruction (core)14. v.15 mm (multi-strand wire class 5)	Form	
Operating voltagemax. 50 V AC/60 V DCOperating voltage (only UL listed)30 V AC/DCRated surge voltage1.5 KVOperating current per contactmax. 4 ANo. of poles3Material groupIEC 60664.1, category ILED displaynoLooking of portsScrew thread (M&+1 mm) recommended torque 0.4 Nm, self-securingProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)MaterialPURLooking materialZinc die casting, matte nickel platedsuitable for corrugated tube (internal Ø)6.5 mmCompression glandM8 (SW9)General dataCoperalloyMaterial (contact)Copera alloyMaterial (contact)Copera alloyMaterial (contact)Copera alloyMaterial (contact surface)AuMaterial (contact surface)AuMaterial (contact surface)FKMPollution Degree3Temperature range-25+85 °C, depending on cable qualityCable identification610Cable identification610Cable weight [g/m]29.37 gMaterial (wire)Cu wire, bareResistor (core)max.79 Qkm (20 °C)Single wire Ø (core)0.15 mm	Form	88021
Operating voltage (only UL listed)     30 V AC/DC       Rated surge voltage     1.5 kV       Operating current per contact     max. 4 A       No. of poles     3       Material group     IEC 60664.1, category I       LED display     no       Locking of ports     Screw thread (M8x1 mm) recommended torque 0.4 Nm, self-securing       Protection     IP65, IP66K, IP67 inserted and tightened (EN 60529)       Material     PUR       Locking material     Zinc die casting, matte nickel plated       suitable for corrugated tube (internal Ø)     6.5 mm       Compression gland     M8 (SW9)       General data     Standards       Material (contact)     Coper alloy       Material (contact surface)     Au       Material (contact surface)     Au       Material (contact surface)     Au       Material (contact surface)     FKM       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cable type     I (PVC)       Approval (cable)     UL (AWM-Style 2464/1731), CSA       Cable weight [g/m]     29.37 g	Technical Data	
Rated surge voltage   1.5 kV     Operating current per contact   max. 4 A     No. of poles   3     Material group   IEC 60664-1, category I     EED display   no     Locking of ports   Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing     Protection   IP65, IP6K, IP67 inserted and tightened (EN 60529)     Material   PUR     Locking material   Zinc die casting, matte nickel plated     suitable for corrugated tube (internal Ø)   6.5 mm     Compression gland   M8 (SW9)     General data   Standards     Standards   DIN EN 61076-2-104 (M8)     Material (contact)   Copper alloy     Material (contact)   Copper alloy     Material (contact surface)   Au     Material (gasket)   FKM     Pollution Degree   3     Temperature range   -25+85 °C, depending on cable quality     Cable   Cable identification     610   Cable weight [g/m]     Cable weight [g/m]   29.3 rg     Material (wire)   Cu wire, bare     Resistor (core)   max. 79 DAM (20 °C)     Single wire Ø (core) <td>Operating voltage</td> <td>max. 50 V AC/60 V DC</td>	Operating voltage	max. 50 V AC/60 V DC
Operating current per contact     max. 4 A       No. of poles     3       Material group     IEC 60664-1, category I       IED display     no       Locking of ports     Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing       Protection     IP65, IP66K, IP67 inserted and tightened (EN 60529)       Material     PUR       Locking material     Zinc die casting, matte nickel plated       suitable for corrugated tube (internal Ø)     6.5 mm       Compression gland     M8 (SW9)       General data     Standards       Standards     DIN EN 61076-2-104 (M8)       Moterial (contact)     Copper alloy       Material (contact surface)     Au       Material (contact surface)     Au       Material (gasket)     FKM       Pollution Degree     3       Temperature range     -25+65 °C, depending on cable quality       Cable distification     610       Cable weight [g/m]     29.3 rg       Approval (cable)     UL (AWM-Style 2464/1731), CSA       Cable weight [g/m]     29.3 rg       Material (wire)     Cu wire, bare       Res	Operating voltage (only UL listed)	30 V AC/DC
No. of poles   3     Material group   IEC 60664-1, category I     Le display   no     Locking of ports   Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing     Protection   IP65, IP66K, IP67 inserted and tightened (EN 60529)     Material   PUR     Locking material   Zinc die casting, matte nickel plated     suitable for corrugated tube (internal Ø)   6.5 mm     Compression gland   M8 (SW9)     General data   Standards     Standards   DIN EN 61076-2-104 (M8)     Mounting method   inserted, tightened     Material (contact)   Copper alloy     Material (contact surface)   Au     Material (gasket)   FKM     Pollution Degree   3     Cable identification   610     Cable Type   1 (PVC)     Approval (cable)   UL (AWM-Style 2464/1731), CSA     Cable weight (g/m)   29.3 rg     Material (wire)   Cu wire, bare     Resistor (core)   max. 79 0/km (20 °C)     Single wire Ø (core)   0.15 mm	Rated surge voltage	1.5 kV
Material group     IEC 60664-1, category I       LED display     no       Locking of ports     Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing       Protection     IP65, IP66K, IP67 inserted and tightened (EN 60529)       Material     PUR       Locking material     Zinc die casting, matte nickel plated       suitable for corrugated tube (internal Ø)     6.5 mm       Compression gland     M8 (SW9)       General data     Standards       Standards     DIN EN 61076-2-104 (M8)       Mounting method     inserted, tightened       Material (contact)     Copper alloy       Material (contact surface)     Au       Material (gasket)     FKM       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cables     Cable dentification       Gable digntification     610       Cable weight [g/m]     29,37 g       Material (wire)     Cu wire, bare       Resistor (core)     max.79 Ω/km (20 °C)       Single wire Ø (core)     0.15 mm	Operating current per contact	max. 4 A
LED display     no       Locking of ports     Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing       Protection     IP65, IP66K, IP67 inserted and tightened (EN 60529)       Material     PUR       Locking material     Zinc die casting, matte nickel plated       suitable for corrugated tube (internal Ø)     6.5 mm       Compression gland     M8 (SW9)       General data     Standards       Standards     DIN EN 61076-2-104 (M8)       Mounting method     inserted, tightened       Material (contact)     Copper alloy       Material (contact surface)     Au       Material (gasket)     FKM       Pollution Degree     3       Temperature range     -25+85 °C, depending on cable quality       Cable identification     610       Cable Type     1 (PVC)       Approval (cable)     UL (AWM-Style 2464/1731), CSA       Cable weight [g/m]     29.37 g       Material (wire)     Cu wire, bare       Resistor (core)     max. 79 Ω/km (20 °C)       Single wire Ø (core)     0.15 mm	No. of poles	3
Locking of portsScrew thread (M8×1 mm) recommended torque 0.4 Nm, self-securingProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)MaterialPURLocking materialZinc die casting, matte nickel platedsuitable for corrugated tube (internal Ø)6.5 mmCompression glandM8 (SW9)General data	Material group	IEC 60664-1, category I
Protection   IP65, IP66K, IP67 inserted and tightened (EN 60529)     Material   PUR     Locking material   Zinc die casting, matte nickel plated     suitable for corrugated tube (internal Ø)   6.5 mm     Compression gland   M8 (SW9)     General data   Standards     Standards   DIN EN 61076-2-104 (M8)     Mounting method   inserted, tightened     Material (contact)   Copper alloy     Material (contact surface)   Au     Material (gasket)   FKM     Pollution Degree   3     Temperature range   -25+85 °C, depending on cable quality     Cables   Cable identification     Gable identification   610     Cable identification   610     Cable weight (g/m)   29.37 g     Material (wire)   UL (AWM-Style 2464/1731), CSA     Cable weight (g/m)   29.37 g     Material (wire)   Cu wire, bare     Resistor (core)   max. 79 Ω/km (20 °C)     Single wire Ø (core)   0.15 mm	LED display	no
Material   PUR     Locking material   Zinc die casting, matte nickel plated     suitable for corrugated tube (internal Ø)   6.5 mm     Compression gland   M8 (SW9)     General data	Locking of ports	Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing
Locking material   Zinc die casting, matte nickel plated     suitable for corrugated tube (internal Ø)   6.5 mm     Compression gland   M8 (SW9)     General data   Standards     Standards   DIN EN 61076-2-104 (M8)     Mounting method   inserted, tightened     Material (contact)   Copper alloy     Material (contact surface)   Au     Material (gasket)   FKM     Pollution Degree   3     Temperature range   -25+85 °C, depending on cable quality     Cables   Cables     Cables   UL (AWM-Style 2464/1731), CSA     Cable weight [g/m]   29,37 g     Material (wire)   Cu wire, bare     Resistor (core)   max. 79 Ω/km (20 °C)     Single wire Ø (core)   0.15 mm	Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
suitable for corrugated tube (internal Ø)   6.5 mm     Compression gland   M8 (SW9)     General data   Standards     Standards   DIN EN 61076-2-104 (M8)     Mounting method   inserted, tightened     Material (contact)   Copper alloy     Material (contact surface)   Au     Material (gasket)   FKM     Pollution Degree   3     Temperature range   -25+85 °C, depending on cable quality     Cables   Cables     Cable identification   610     Cable Type   1 (PVC)     Approval (cable)   UL (AWM-Style 2464/1731), CSA     Cable weight [g/m]   29,37 g     Material (wire)   Cu wire, bare     Resistor (core)   max. 79 Ω/km (20 °C)     Single wire Ø (core)   0.15 mm	Material	PUR
Compression glandM8 (SW9)General dataStandardsDIN EN 61076-2-104 (M8)Mounting methodinserted, tightenedMaterial (contact)Copper alloyMaterial (contact surface)AuMaterial (gasket)FKMPollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesCablesCable identification610Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]29,37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mm	Locking material	Zinc die casting, matte nickel plated
General data     Standards   DIN EN 61076-2-104 (M8)     Mounting method   inserted, tightened     Material (contact)   Copper alloy     Material (contact surface)   Au     Material (gasket)   FKM     Pollution Degree   3     Temperature range   -25+85 °C, depending on cable quality     Cables   Cables     Cable identification   610     Cable Type   1 (PVC)     Approval (cable)   UL (AWM-Style 2464/1731), CSA     Cable weight [g/m]   29,37 g     Material (wire)   Cu wire, bare     Resistor (core)   max. 79 Ω/km (20 °C)     Single wire Ø (core)   0.15 mm	suitable for corrugated tube (internal $\emptyset$ )	6.5 mm
StandardsDIN EN 61076-2-104 (M8)Mounting methodinserted, tightenedMaterial (contact)Copper alloyMaterial (contact surface)AuMaterial (gasket)FKMPollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesCablesCable identification610Cable Type1 (PVC)Approval (cable)UL (AWM-Style 2464/1731), CSACable weight [g/m]29.37 gMaterial (wire)Cu wire, bareResistor (core)max. 79 Ω/km (20 °C)Single wire Ø (core)0.15 mm	Compression gland	M8 (SW9)
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Material (wire) Cu wire, bare   Resistor (core) max. 79 Ω/km (20 °C)   Single wire Ø (core) 0.15 mm	Approval (cable)	UL (AWM-Style 2464/1731), CSA
Resistor (core)     max. 79 Ω/km (20 °C)       Single wire Ø (core)     0.15 mm	Cable weight [g/m]	29,37 g
Single wire Ø (core) 0.15 mm	Material (wire)	Cu wire, bare
	Resistor (core)	max. 79 Ω/km (20 °C)
Construction (core) 14× 0.15 mm (multi-strand wire class 5)	Single wire Ø (core)	0.15 mm
	Construction (core)	14× 0.15 mm (multi-strand wire class 5)

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Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



Diameter (core)	3× 0.25 mm²
AWG	similar to AWG 24
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	45 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	4.5 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
Nominal voltage	UL 300 V AC
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
Bend radius (moving)	10× outer Ø
Product article number of manufacturer	7000-88021-6100340
Cable length	3,4 m

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