

M8 male 0° A-cod. with cable

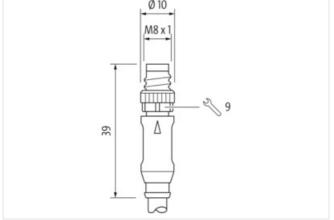
PVC 3x0.25 bk UL/CSA 15m

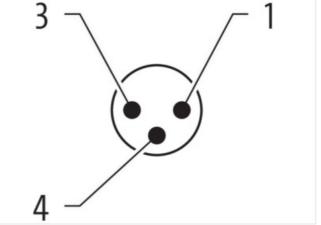
Art.No.: 7000-08001-6101500 Weight: 0.412 Country of origin: US Model designation: MSHL0-R610_15.0

Link to Product

Illustration



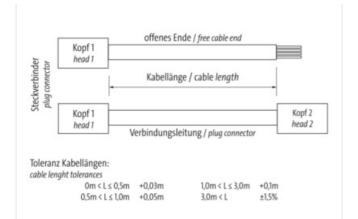


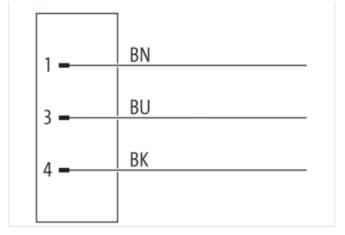


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Product may differ from Image



| No. of poles 3 Coding A Gender male Mounting method inserted, screwed Thread M8 x 1 Tightening torque 0.4 Nm Width across flats SW9 Cable outet straight suitable for corrugated tube (internal 0) 6.5 mm Material PUR Material Golp per alloy Coating contact gold plated Degree of protection (EN IEC 60529) IP67, IP66K, IP65 Stide 2 | Side 1 | |
|--|---|--|
| Coding A Gender male Mounting method inserted.screwed Tirghtening torque 0.4 Nm Tightening torque 0.4 Nm Width across flats SW9 Cable outlet straight suitable for corrugated tube (internal Ø) 6.5 mm Material PUR Material contact Copper alloy Coating contact gold plated Degree of protection (EN IEC 60529) IPG-INEGK, IPGS Side 2 Strapping length (jacket) 20 mm Commercial data CLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0. | Family construction form | M8 |
| Gender male Mounting method inserted, screwed Mounting method M8 x 1 Thread M8 x 1 Tightening torque 0.4 Nm Width across flats SW9 Cable outlet straight suitable for corrugated tube (internal Ø) 6.5 mn Material PUR Material contact Copper alloy Coating contact gold plated Degree of protection (EN IEC 60529) IP67, IP66K, IP65 Side 2 | No. of poles | 3 |
| Mounting method inserted, screwed Thread M8 x 1 Tightening torque 0.4 Nm Width across flats SW9 Cable outlet straight suitable for corrugated tube (internal Ø) 6.5 mm Material PUR Material contact Gopper alloy Coating contact gold plated Degree of protection (EN IEC 60529) IP67, IP66K, IP65 Side 2 | Coding | A |
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| Tightening torque 0.4 Nm Width across flats SW9 Cable outlet straight suitable for corrugated tube (internal Ø) 6.5 mm Material PUR Material contact Copper alloy Coating contact gold plated Degree of protection (EN IEC 60529) IP67, IP66K, IP65 Side 2 | Mounting method | inserted, screwed |
| Width across flats SW9 Cable outlet straight suitable for corrugated tube (internal Ø) 6.5 mm Material PUR Material contact Copper alloy Coating contact gold plated Degree of protection (EN IEC 60529) IP67, IP66K, IP65 Side 2 | Thread | M8 x 1 |
| Cable outlet straight suitable for corrugated tube (internal Ø) 6.5 mm Material PUR Material contact Coopper alloy Coating contact gold plated Degree of protection (EN IEC 60529) IP67, IP66K, IP65 Side 2 | Tightening torque | |
| suitable for corrugated tube (internal Ø) 6.5 mm Material PUR Material contact Copper alloy Coating contact gold plated Degree of protection (EN IEC 60529) IP67, IP66K, IP65 Side 2 | Width across flats | SW9 |
| Material PUR Material contact Copper alloy Coating contact gold plated Degree of protection (EN IEC 60529) IP67, IP66K, IP65 Side 2 | Cable outlet | - |
| Advance Copper alloy Coating contact gold plated Degree of protection (EN IEC 60529) IP67, IP66K, IP65 Side 2 Family construction form free cable end Stripping length (jacket) 20 mm Commercial data URL Webshop https://shop.murrelektronik.com/7000-08001-6101500 GTIN 4048879233651 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.1 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-9.1 27060311 ECLASS-9.1 27060311 ECLASS-10.0.1 27060311 ECLASS-10.0.1 | suitable for corrugated tube (internal Ø) | |
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| Degree of protection (EN IEC 60529) IP67, IP66K, IP65 Side 2 Family construction form free cable end Stripping length (jacket) 20 mm Commercial data URL Webshop https://shop.murrelektronik.com/7000-08001-6101500 GTIN 4048879233651 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.1 27279218 ECLASS-7.1 27279218 ECLASS-8.1 27279218 ECLASS-8.1 27279218 ECLASS-8.1 27279218 ECLASS-9.0 27060311 27060311 ECLASS-9.0 27060311 ECLASS-9.1 27060311 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 27060311 27060311 | | |
| Side 2 Family construction form free cable end Family construction form free cable end Image: Commercial data Commercial data URL Webshop https://shop.murrelektronik.com/7000-08001-6101500 GTIN 4048879233651 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.1 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-9.1 27060311 ECLASS-10.1 27060311 ECLASS-11.0 27060311 | Coating contact | |
| Family construction form free cable end Stripping length (jacket) 20 mm Commercial data URL Webshop https://shop.murrelektronik.com/7000-08001-6101500 GTIN 4048879233651 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.1 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-8.1 27279218 ECLASS-8.1 27279218 ECLASS-8.1 27279218 ECLASS-8.1 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-9.1 27060311 ECLASS-10.1 27060311 ECLASS-11.0 27060311 | Degree of protection (EN IEC 60529) | IP67, IP66K, IP65 |
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| ECLASS-7.1 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-10.0.1 27060311 ECLASS-10.0.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 | ECLASS-6.1 | 27279218 |
| ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-10.0.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 | ECLASS-7.0 | 27279218 |
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| ECLASS-11.0 27060311 | ECLASS-10.0.1 | 27060311 |
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| | ECLASS-11.1 | 27060311 |

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| ECLASS-12.0 | 27060311 |
|---|---|
| ECLASS-13.0 | 27060311 |
| ECLASS-14.0 | 27060311 |
| ETIM-5.0 | EC001855 |
| ETIM-6.0 | EC001855 |
| ETIM-7.0 | EC001855 |
| ETIM-8.0 | EC001855 |
| EAN | 4048879233651 |
| Electrical data Supply | |
| Operating voltage AC max. | 50 V |
| Operating voltage DC max. | 60 V |
| Current operating per contact max. | 4 A |
| Diagnostics | |
| Status indication LED | no |
| Installation Connection | |
| Mounting set | M8 x 1 |
| Device protection Electrical | |
| | |
| Degree of protection (EN IEC 60529) | IP67, IP66K, IP65 |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1.5 kV |
| Material group (IEC 60664-1) | |
| Mechanical data Material data | |
| Material screw connection | Brass |
| Coating of fitting | nickel plated |
| Locking material | Zinc die-casting |
| Coating locking | Nickeled |
| Mechanical data Mounting data | |
| moonamoar aata mounting aata | |
| Mounting method | inserted, screwed, Shaking protection |
| | inserted, screwed, Shaking protection |
| Mounting method | inserted, screwed, Shaking protection -25 °C |
| Mounting method Environmental characteristics Climatic | |
| Mounting method Environmental characteristics Climatic Operating temperature min. | -25 °C |
| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. | -25 °C 85 °C |
| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range | -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be |
| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes | -25 °C 85 °C depending on cable quality |
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| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity | -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard | -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation Cable | -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. DIN EN 61076-2-104 (M8) |
| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation Cable Cable identification | -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. DIN EN 61076-2-104 (M8) 610 |
| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation Cable Cable identification Cable Type | -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. DIN EN 61076-2-104 (M8) 610 1 |
| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation Cable Cable identification Cable Type Amount stranding | -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. DIN EN 61076-2-104 (M8) 610 1 1 |
| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation Cable Cable identification Cable Type Amount stranding Stranding | -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. DIN EN 61076-2-104 (M8) 610 1 1 Wires |
| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation Cable Cable identification Cable Type Amount stranding Stranding Wire arrangement | -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. DIN EN 61076-2-104 (M8) 610 1 1 1 Wires brown, black, blue |
| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation Cable Cable identification Cable Type Amount stranding Stranding Wire arrangement Cable weigth | -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. DIN EN 61076-2-104 (M8) 610 1 1 1 Wires brown, black, blue 29.37 g/m |
| Mounting method Fnvironmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation Cable Cable identification Cable Type Amount stranding Stranding Wire arrangement Cable weigth Material wire insulation | -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. DIN EN 61076-2-104 (M8) 610 1 1 Wires brown, black, blue 29.37 g/m PVC |
| Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation Cable Cable identification Cable Type Amount stranding Stranding Wire arrangement Cable weigth Material wire insulation Amount wires | -25 °C 85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. DIN EN 61076-2-104 (M8) 610 1 1 Vires brown, black, blue 29.37 g/m PVC 3 |

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| Shore hardness wire insulation | 45 |
|--------------------------------------|--|
| Material properties wire insulation | good machinability |
| Ingredient freeness wire insulation | CFC-free, cadmium-free, silicone-free, lead-free |
| Amount strands (wire) | 14 |
| Diameter of single wires | 0.15 mm |
| Conductor crosssection (wire) | 0.25 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Outer-diameter (jacket) | 4.5 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material jacket | PVC |
| Shore hardness jacket | 85 |
| Freedom from ingredients (jacket) | CFC-free, cadmium-free, silicone-free, lead-free |
| Material property (jacket) | good machinability |
| Conductor resistance (wire) | 79 Ω/km @ 20 °C |
| Nominal voltage AC max. | 300 V |
| Withstand voltage (wire - wire) | 2 kV @ 60 s |
| Withstand voltage (wire - jacket) | 2 kV @ 60 s |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4.5 A |
| Min. operating temperature (static) | -30 °C |
| Max. operating temperature (fixed) | 0° 08 |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 0° 08 |
| Flame resistance | UL 1581 § 1080, CSA FT1, IEC 60332-1-2 |
| Oil resistance | good |
| Chemical resistance | good |
| Other resistances | good resistance to gasoline |
| Bending radius (fixed) | 5 × Outer diameter |
| Bending radius (dynamic) | 10 × Outer diameter |

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