

M8 female 0° A-cod. with cable

PUR 4x0.34 gy UL/CSA+drag ch. 10m

Art.No.: 7000-08061-2341000

Weight: 0.397 Country of origin: CZ

Model designation: MSFL0-T234 10.0

Female straight

M8, 4-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

with cable sleeves

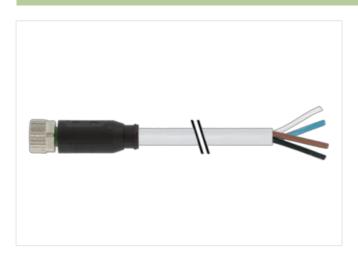
Plastic housings with good resistance against chemicals and oils.

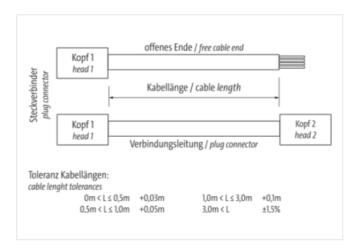
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

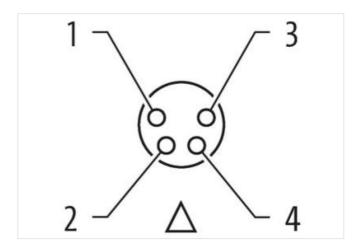
Link to Product

Illustration



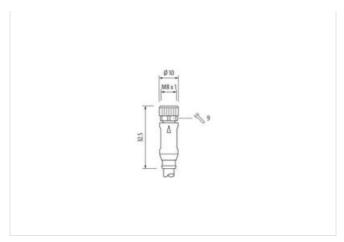








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Product may differ from Image











| Cable length | 10 m |
|--|-------------------|
| Side 1 | |
| Tightening torque | 0,4 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |
| Family construction form | M8 |
| Thread | M8 x 1 |
| suitable for corrugated tube (internal \emptyset) | 6,5 mm |
| Cable outlet | straight |
| Coding | A |
| Material contact | Copper alloy |
| Material | PUR |
| No. of poles | 4 |
| Width across flats | SW9 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, 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 | 4048879229678 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 50 V |
| | |



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| Operating voltage AG (UL-listed) 30 V Operating voltage AG (UL-listed) 30 V Operating voltage AG (UL-listed) 30 V Diagnostics Status indication LED no Installation Connection Stripping length (packet) 20 mm Multimage are Max 1 Device protection (EIN EC 60559) Max 1 Device protection (EIN EC 60559) PP7, IP56K ASSIdenal candidan protection degree inserted, screwed Pollution Degree Device protection (EIN EC 60559) PP7, IP56K ASSIdenal candidan protection degree inserted, screwed Pollution Degree 1 1,5 KW Material group (EC 60664-1) I Mochanical data Maxierial data Contral got filting Material group (EC 60664-1) I Mochanical data Maxierial data Contral got filting Material group (EC 60664-1) I Mochanical data Maxierial data Contral got filting Material group (EC 60664-1) I Mochanical data Maxierial data Contral got filting Material group (EC 60664-1) I Mochanical data Maxierial data Contral got filting Material group (EC 60664-1) I Mochanical data Maxierial data Contral got filting Material group (EC 60664-1) I Mochanical data Maxierial data Contral got filting Material group (EC 60664-1) I Mochanical data Maxierial data Contral got filting Material group (EC 60664-1) I Mochanical data Maxierial data Contral got filting Material group (EC 60664-1) I Mochanical data Maxierial data Contral got filting Material group (EC 60664-1) I Mochanical data Maxierial data Contral got filting Material group (EC 60664-1) I Mochanical data Maxierial got filting Material group (EC 60664-1) I Mochanical data Maxierial got filting Material group (EC 60664-1) I Mochanical data Maxierial got filting Material group (EC 60664-1) I Mochanical data Maxierial got filting Material group (EC 60664-1) I Mochanical data Maxierial got filting Material group (EC 60664-1) I Mochanical data Maxierial got filting Material group (EC 60664-1) I Mochanical data Maxierial got filting Material group (EC 60664-1) I Mochanical data Maxierial got filting Material group (EC 60664-1) I Mochanical | Operating voltage DC max. | 60 V |
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| Cable Type 3 Jacket Color gray 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 | wire arrangement | brown, black, blue, white |
| Jacket Color gray 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 | Cable identification | 234 |
| 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 | Cable Type | 3 |
| 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 | Jacket Color | gray |
| Stranding 4 wire stwisted 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 | Type of Certificate | cURus |
| 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 | Amount stranding | 1 |
| 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 | Stranding | 4 wires twisted |
| 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 | wire arrangement | brown, black, blue, white |
| 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 | Cable weigth | 36,3 g/m |
| Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Atterial wire insulation PP Amount wires I lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,5 mm 5 % PP Amount wires | Material jacket | |
| Outer-diameter (jacket) 4,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 | Shore hardness jacket | 90 ± 5 Shore A |
| Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 | Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Material wire insulation PP Amount wires 4 | Outer-diameter (jacket) | 4,5 mm |
| Amount wires 4 | Tolerance outer diameter (sheath) | ±5% |
| | Material wire insulation | PP |
| Outer diameter insulation 1,25 mm | Amount wires | 4 |
| | Outer diameter insulation | 1,25 mm |

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: 2024-12-18



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| 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 mm ² |
| 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 | 4,8 A |
| 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 - jacket) | 2,5 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1090 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 |
| 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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