

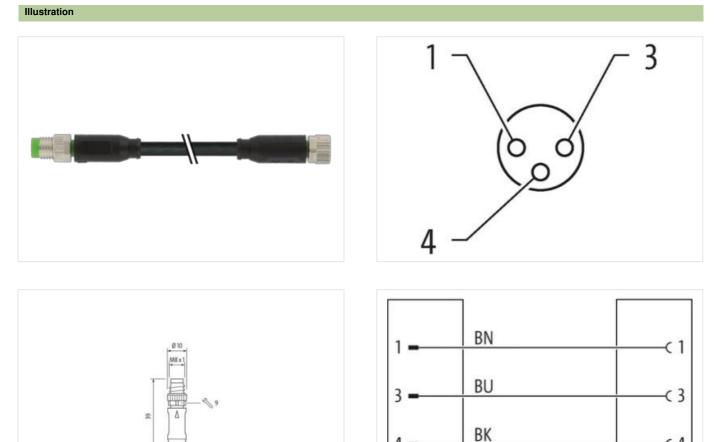
< 4

M8 male 0° / M8 female 0° A-cod.

PUR 3x0.25 bk UL/CSA+drag ch. 1m

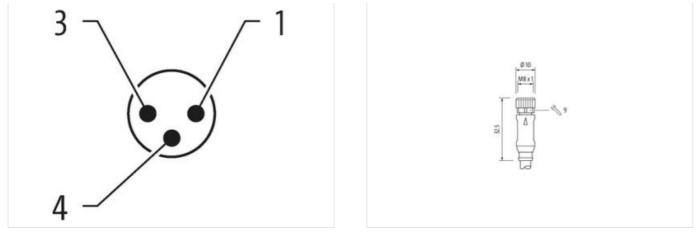
Male straight – female straight M8 – M8, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



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Product may differ from Image



| Side 1 Tightoning 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 0) 6.5 mm Material contact Coper alloy No. of poles 3 Width across flats SW9 Side 2 | | |
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| Tightening torque0.4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal 0)6,5 mmMaterial contactCopper alloyNo. of poles3Width across flatsSW9Side 2 | Cable length | 1 m |
| Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 × 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy No. of poles 3 Width across flats SW9 Side 2 | Side 1 | |
| Coaling contact gold plated Family construction form M8 Thread M8 × 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy No. of poles 3 With across flats SW9 Stde 2 | Tightening torque | 0,4 Nm |
| Family construction form M8 Thread M8 x 1 Suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy No. of poles 3 Width across flats SW9 Side 2 | Mounting method | inserted, screwed |
| Thread M8 x 1 suitable for corrugated tube (internal Ø) 6.5 mm Material contact Copper alloy No. of poles 3 Width across flats SW9 Side 2 | Coating contact | gold plated |
| suitable for corrugated tube (internal Ø) 6.5 mm Material contact Copper alloy No. of poles 3 Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Material contact Copper alloy No. of poles 3 Commercial data Copper alloy ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 ECO01865 customs tariff number 85444290 GTIN 4048879130912 | Family construction form | M8 |
| Material contact Copper alloy No. of poles 3 Width across flats SW9 Side 2 | Thread | M8 x 1 |
| No. of poles 3 Width across flats SW9 Side 2 | suitable for corrugated tube (internal \emptyset) | 6,5 mm |
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| Side 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1Material contactCopper alloyNo. of poles3Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-9.027060311ECLASS-11.127060311ECLASS-12.027060311ETIM-5.0ECO01855customs tariff number85444290GTIN404879130912Packaging unit1 | No. of poles | 3 |
| Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Material contact Copper alloy No. of poles 3 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 ECO 1855 coustoms tariff number 85444290 GTIN 4048879130912 Packaging unit 1 | Width across flats | SW9 |
| Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Material contact Copper alloy No. of poles 3 Commercial data 27279218 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 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 ECO01855 customs tariff number 85444290 GTIN 4048879130912 Packaging unit 1 | Side 2 | |
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| Family construction form M8 Thread M8 x 1 Material contact Copper alloy No. of poles 3 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879130912 Packaging unit 1 | Mounting method | inserted, screwed |
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| GTIN 4048879130912 Packaging unit 1 | ETIM-5.0 | EC001855 |
| Packaging unit 1 | customs tariff number | 85444290 |
| | GTIN | 4048879130912 |
| Electrical data Supply | Packaging unit | 1 |
| | Electrical data Supply | |

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| Operating voltage AC max. | 50 V |
|--|--|
| Operating voltage DC max. | 60 V |
| Operating voltage AC (UL-listed) | 30 V |
| Operating voltage DC (UL-listed) | 30 V |
| Current operating per contact max. | 4 A |
| Diagnostics | |
| Status indication LED | no |
| Device protection Electrical | |
| · · · · | |
| Degree of protection (EN IEC 60529) | IP65, IP67, IP68, IP66K |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Material gasket | FKM |
| Material housing | PUR |
| Locking material | 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 |
| Additional condition temperature range | depending on cable quality |
| Important installation notes | |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| 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. |
| Conformity | |
| Product standard | DIN EN 61076-2-114 (M8) |
| Installation Cable | |
| Cable identification | 630 |
| Cable Type | 3 |
| Jacket Color | black |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 3 wires twisted |
| wire arrangement | brown, black, blue |
| Traversing distance (C-track) | 10 m @ 25 °C horizontal |
| Cable weigth | 26,4 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) | 4,1 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material wire insulation | PP |
| Amount wires | 3 |
| Outer diameter insulation | 1,25 mm |
| 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 |
| | |

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| Amount strands (wire) | 32 |
|---|--|
| Diameter of single wires | 0,1 mm |
| Conductor crosssection (wire) | 0,25 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 | 4,5 A |
| Electrical resistance line constant wire | 79 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 |
| UV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 |
| 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 |
| Travel speed (C-track) | 10 Mio. @ 25 °C |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 180 °/m |
| Torsion speed | 35 cycles/min |

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