

M12 male 0° / M8 female 0° A-cod.

PUR 4x0.25 gy UL/CSA+drag ch. 9m

Male straight - female straight

M12 - M8, 4-pole

Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

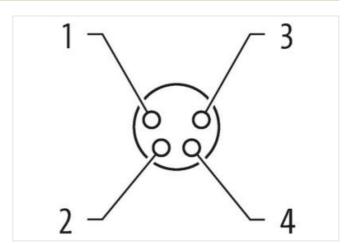
The resistance to aggressive media should be individually tested for your application. Further details on request.

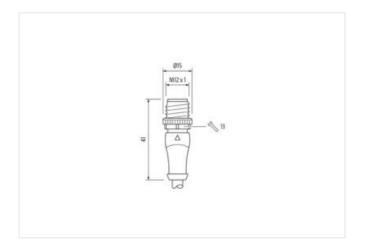
Further cable lengths on request.

Link to Product

Illustration





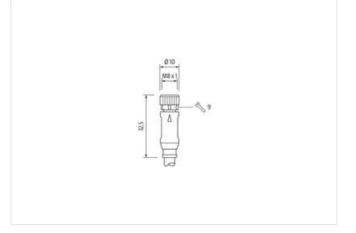






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Product may differ from Image











| Tightening torque 0,6 Nm | Cable length | 9 m |
|--|--|-------------------|
| Mounting method Inserted, screwed | Side 1 | |
| Family construction form M12 | Tightening torque | 0,6 Nm |
| Thread | Mounting method | inserted, screwed |
| suitable for corrugated tube (internal Ø) 10 mm Coding A Material contact Copper alloy Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material contact Copper alloy Material contact Copper alloy Material error (EN IEC 60529) IP65, IP66K, IP67 Commercial data ECLASS-6.0 27061801 customs tariff number 85444290 GTIN 4065909070871 Packaging unit 1 Electrical data Supply | Family construction form | M12 |
| Coding A Material contact Copper alloy Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm 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 Commercial data ECLASS-6.0 27061801 Customs tariff number 85444290 GTIN 4065909070871 Packaging unit 1 Electrical data Supply | Thread | M12 x 1 |
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| Material | Coding | A |
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| Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm 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 Commercial data ECLASS-6.0 27061801 customs tariff number 85444290 GTIN 4065909070871 Packaging unit 1 Electrical data Supply | | SW13 |
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| 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 Commercial data ECLASS-6.0 27061801 customs tariff number 85444290 GTIN 4065909070871 Packaging unit 1 Electrical data Supply | Thread | M8 x 1 |
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| ECLASS-6.0 27061801 customs tariff number 85444290 GTIN 4065909070871 Packaging unit 1 Electrical data Supply | Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| customs tariff number 85444290 GTIN 4065909070871 Packaging unit 1 Electrical data Supply | Commercial data | |
| GTIN 4065909070871 Packaging unit 1 Electrical data Supply | ECLASS-6.0 | 27061801 |
| Packaging unit 1 Electrical data Supply | customs tariff number | 85444290 |
| Electrical data Supply | GTIN | 4065909070871 |
| | Packaging unit | 1 |
| Operating voltage AC may 50 V | Electrical data Supply | |
| Operating Voltage Ao max. | Operating voltage AC max. | 50 V |



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| 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 | |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | 1 |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Coating of fitting | nickel plated |
| Material gasket | FKM |
| Locking material | Zinc die-casting |
| Material screw connection | 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 |
| Conformity | |
| Product standard | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) |
| | DIN LIV 01070-2-101 (M12), DIN LIN 01070-2-114 (M0) |
| Installation Cable | |
| Cable identification | 231 |
| Cable Type | |
| | 3 |
| Jacket Color | gray |
| Jacket Color Type of Certificate | gray cURus |
| Jacket Color Type of Certificate Amount stranding | gray cURus 1 |
| Jacket Color Type of Certificate Amount stranding Stranding | gray cURus 1 4 wires twisted |
| Jacket Color Type of Certificate Amount stranding Stranding wire arrangement | gray cURus 1 4 wires twisted brown, black, blue, white |
| Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) | gray cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C |
| Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth | gray cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 33 g/m |
| Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket | gray cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 33 g/m PUR |
| Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket | gray cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 33 g/m PUR 90 ± 5 Shore A |
| Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) | gray cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 33 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) | gray cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 33 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,5 mm |
| Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) | gray cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 33 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 4,5 mm ± 5 % |
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| Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation | gray cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 33 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,5 mm ± 5 % PP 4 1,25 mm ± 5 % |
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| Traversing distance (C-track) | 10 m @ 25 °C horizontal |
|---|--|
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 3,6 A |
| Electrical resistance line constant wire | 79 Ω/km @ 20 °C |
| Nominal voltage power AC max. | 300 V |
| Power frequency withstand voltage power (wire - jacket) | 2,5 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 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 torsion cycles | 2 Mio. |
| Torsion speed | 35 cycles/min |
| Torsion stress | ± 180 °/m |