

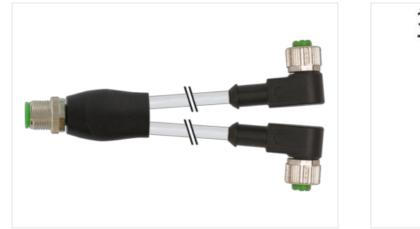
Y-Distributor M12 male / M12 female 90° A-cod.

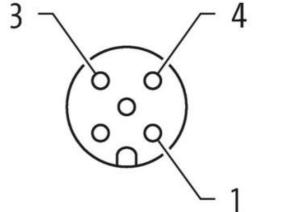
PUR 3x0.34 gy UL/CSA+drag ch. 0.6m

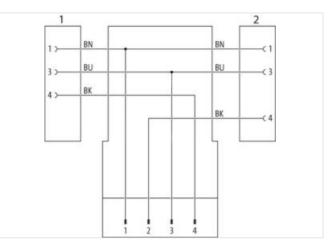
Y-connector M12 – M12, 4/3-pole Male straight – females 90° A-coded Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

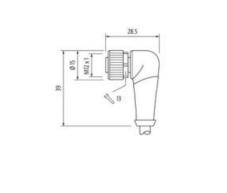
Link to Product







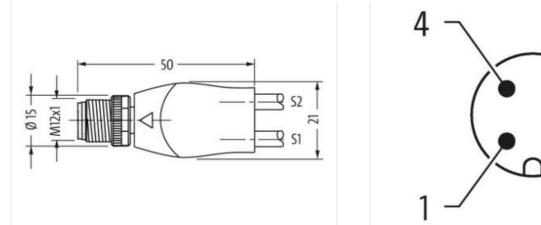


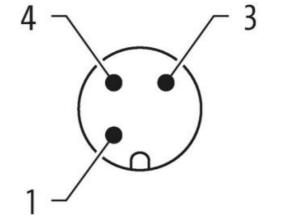


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Product may differ from Image



| Cable length | 0,6 m | |
|--|-------------------|--|
| Side 1 | | |
| Tightening torque | 0,6 Nm | |
| Mounting method | inserted, screwed | |
| Coating contact | gold plated | |
| Family construction form | M12 | |
| Thread | M12 x 1 | |
| suitable for corrugated tube (internal \emptyset) | 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 | 0,6 Nm | |
| Mounting method | inserted, screwed | |
| Coating contact | gold plated | |
| Family construction form | M12 | |
| Thread | M12 x 1 | |
| Coding | A | |
| Material contact | Copper alloy | |
| Material | PUR | |
| No. of poles | 3 | |
| Width across flats | SW13 | |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 | |
| Side 3 | | |
| Mounting method | inserted, screwed | |
| Family construction form | M12 | |
| Coding | A | |
| No. of poles | 3 | |
| Commercial data | | |

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| ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313 ETIM-5.0 EC001855 | |
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| ECLASS-11.1 27060313 ECLASS-12.0 27060313 | |
| ECLASS-12.0 27060313 | |
| | |
| ETIM-5.0 EC001855 | |
| | |
| customs tariff number 85444290 | |
| GTIN 4048879156387 | |
| Packaging unit 1 | |
| Electrical data Supply | |
| Operating voltage AC max. 250 V | |
| Operating voltage DC max. 250 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 | |
| Installation Connection | |
| Mounting set M12 x 1 | |
| Device protection Electrical | |
| Additional condition protection degree inserted, screwed | |
| Pollution Degree 3 | |
| Rated surge voltage 2,5 kV | |
| Material group (IEC 60664-1) | |
| 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 min25 °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 61076-2-101 (M12) | |
| Installation Cable | |
| | |
| Cable identification 233 | |
| Cable identification 233 Cable Type 3 | |
| | |
| Cable Type 3 | |

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| Stranding | 3 wires twisted |
|---|--|
| wire arrangement | brown, black, blue |
| Cable weigth | 29,7 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 |
| 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 |
| Traversing distance (C-track) | 10 m @ 25 °C horizontal |
| Nominal voltage AC max. | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 6 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 | UL 1581 § 1090 IEC 60332-2-2 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 |
| 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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