

M12 male 0° / M12 female 0° A-cod.

PVC 5x0.34 bk UL/CSA 30m

Male straight – female straight M12 – M12, 5-pole

A-coded

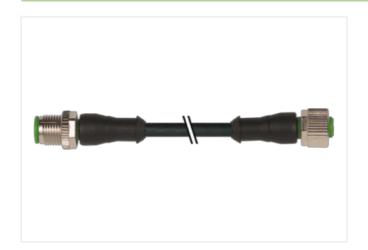
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

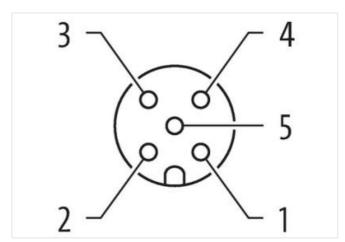
Plastic housings with good resistance against chemicals and oils.

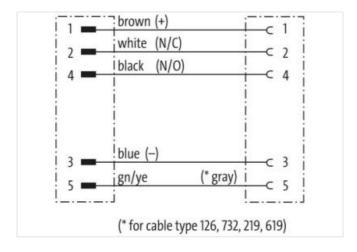
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

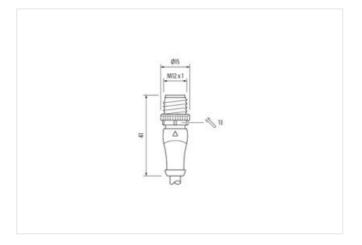
Link to Product

Illustration



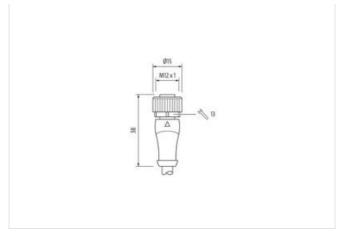


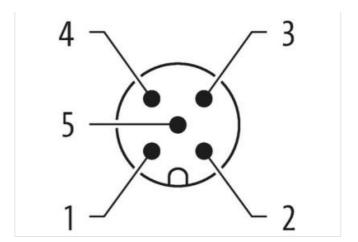






stay connected





Product may differ from Image













| Cable length | 30 m |
|--|-------------------|
| Side 1 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| suitable for corrugated tube (internal \emptyset) | 10 mm |
| Cable outlet | straight |
| Coding | A |
| Material | PUR |
| No. of poles | 5 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| Side 2 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| suitable for corrugated tube (internal \emptyset) | 10 mm |
| Cable outlet | straight |
| Coding | A |
| Material | PUR |
| No. of poles | 5 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| 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 |



stay connected

| ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879181792 Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating voltage DC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A | |
|---|----|
| customs tariff number 85444290 GTIN 4048879181792 Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating voltage DC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection | |
| GTIN 4048879181792 Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating voltage DC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection | |
| Packaging unit Electrical data Supply Operating voltage AC max. 125 V Operating voltage DC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection | |
| Electrical data Supply Operating voltage AC max. 125 V Operating voltage DC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection | |
| Operating voltage AC max. 125 V Operating voltage DC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection | |
| Operating voltage DC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection | |
| Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection | |
| Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection | |
| Current operating per contact max. 4 A Installation Connection | |
| Installation Connection | |
| | |
| N | |
| Mounting set M12 x 1 | |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) IP65, IP67, 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 | |
| Coating of fitting nickel plated | |
| 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 tie | S. |
| Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class calendangered by excessive bending forces. | |
| | |
| Conformity | |
| Product standard DIN EN 61076-2-101 (M12) | |
| Installation Cable | |
| wire arrangement brown, black, blue, white, green-yellow | |
| Cable identification 615 | |
| Cable Type 1 | |
| Jacket Color black | |
| Type of Certificate cURus | |
| Amount stranding 1 | |
| Stranding 5 wires around Core filler twisted | |
| Filler yes | |
| wire arrangement brown, black, blue, white, green-yellow | |
| Cable weigth 48,4 g/m | |
| · • | |
| Material jacket PVC | |
| | |
| Material jacket PVC | |

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: 2024-05-28



| Tolerance outer diameter (sheath) | ± 5 % |
|---|--|
| Material wire insulation | PVC |
| Amount wires | 5 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 45 ± 5 Shore D |
| Material properties wire insulation | good machinability |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| Amount strands (wire) | 19 |
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 0,34 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| 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 | 57 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 2 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s |
| Min. operating temperature (static) | -30 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 80 °C |
| UV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |