

M12 male 0° A-cod. with cable

PVC 8x0.25 gy 30m

⚠ NOTICE ⚠ PRODUCT WILL BE DISCONTINUED BY MARCH 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight

M12, 8-pole

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

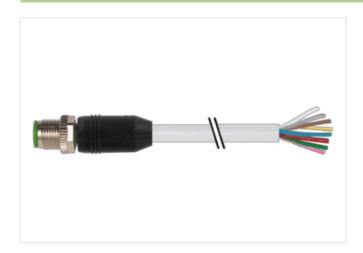
with cable sleeves

Plastic housings with good resistance against chemicals and oils.

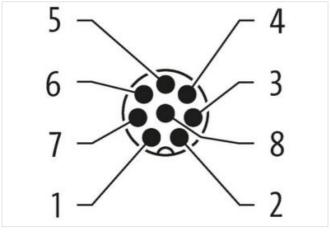
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

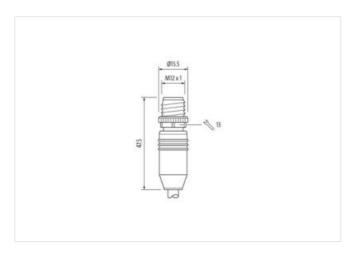
Link to Product

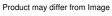
Illustration



















30 m Cable length Side 1 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Material PUR SW13 Width across flats Commercial data ECLASS-6.0 27279218 ECLASS-6.1 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 4048879405911 Packaging unit Electrical data | Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V Installation | Connection Mounting set M12 x 1 Device protection | Electrical 3 Pollution Degree Rated surge voltage 0,8 kV Material group (IEC 60664-1) Mechanical data | Material data Coating of fitting nickel plated Material screw connection Zinc die-casting Environmental characteristics | Climatic Operating temperature min. -25 °C 85 °C Operating temperature max. Additional condition temperature range depending on cable quality Installation | Cable Cable identification 293 Jacket Color gray Amount stranding Stranding 8 wires around Core filler twisted Filler wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weigth 58,3 g/m Material jacket PUR Shore hardness jacket 78 ± 3 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ±5% Material wire insulation PVC Amount wires 8

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: 2024-05-18



| Outer diameter insulation | 1,2 mm |
|---|--|
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 90 ± 3 Shore A |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| Amount strands (wire) | 14 |
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 0,25 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Nominal voltage AC max. | 300 V |
| Max. rated voltage (conductor - conductor) | 300 V |
| Max. rated voltage (conductor - ground) | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 2 A |
| Electrical resistance line constant wire | 78 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) | -40 °C |
| Max. operating temperature (fixed) | 70 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 70 °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 (dynamic) | 12 x Outer diameter |