

M12 female recept. A-cod. rear

PUR 12x0.25 gy UL/CSA+drag ch. 2m

Flange female M12, 12-pole Rear mounting

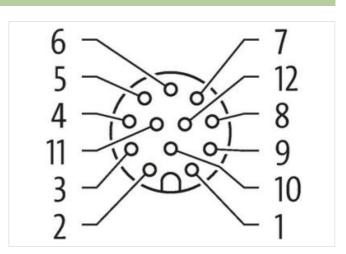
Further cable lengths on request.

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

Link to Product

Illustration





Product may differ from Image



| Cable length | 2 m |
|-------------------------------------|-------------------|
| Side 1 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material | Brass |
| No. of poles | 12 |
| Degree of protection (EN IEC 60529) | IP67 |
| Commercial data | |
| ECLASS-6.0 | 27279220 |
| ECLASS-6.1 | 27279220 |
| ECLASS-7.0 | 27440103 |
| ECLASS-8.0 | 27440103 |
| ECLASS-9.0 | 27440103 |
| ECLASS-10.1 | 27440103 |
| ECLASS-11.1 | 27440103 |
| ECLASS-12.0 | 27440103 |

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| ETIM-5.0 | EC001855 |
|--|--|
| customs tariff number | 85444290 |
| GTIN | 4048879541275 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 30 V |
| Operating voltage DC max. | 30 V |
| Current operating per contact max. | 1,5 A |
| Diagnostics | |
| Status indication LED | no |
| Installation Connection | |
| · | Mo. 4.5 |
| Mounting set Width across flats | M16 x 1.5 |
| | SW19 |
| Device protection Electrical | |
| Protection NEMA | 3, 4, 6P |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 0,8 kV |
| Material group (IEC 60664-1) | I |
| Mechanical data Material data | |
| Coating locking | nickel plated |
| Coating of fitting | nickel plated |
| Locking material | Brass |
| Material screw connection | Brass |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed |
| Environmental characteristics Climatic | C C |
| 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. |
| Approvals | |
| UL 50E | yes |
| Installation Cable | |
| Cable identification | 301 |
| Jacket Color | |
| Type of Certificate | gray cURus |
| Amount stranding | 1 |
| Stranding | 3 wires twisted |
| Amount stranding (type 2) | 1 |
| Stranding (type 2) | 9 wires around Stranding combination twisted |
| Banding | Fleece |
| wire arrangement | gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue |
| Traversing distance (C-track) | 5 m @ 25 °C horizontal |
| Cable weigth | 69,3 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 85 ± 5 Shore A |



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| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
|---|--|
| Outer-diameter (jacket) | 7 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material wire insulation | PP |
| Amount wires | 12 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter tolerance core insulation | ±5% |
| Shore hardness wire insulation | 50 ± 5 Shore D |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| 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 | 3 A |
| Electrical resistance line constant wire | 76 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 1,5 kV @ 60 s |
| Electric capacitance | 80000 pF/km |
| Power frequency withstand voltage (wire - jacket) | 1,5 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -20 °C |
| Operating temperature max. (dynamic) | 80 °C |
| 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) | 10 x Outer diameter |
| Bending radius (dynamic) | 15 x Outer diameter |
| Travel speed (C-track) | 3 Mio. @ 25 °C |