

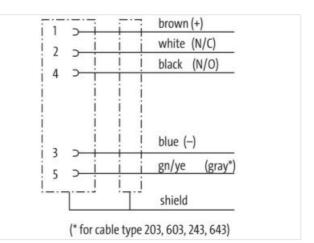
M12 female recept. A-cod. shielded rear

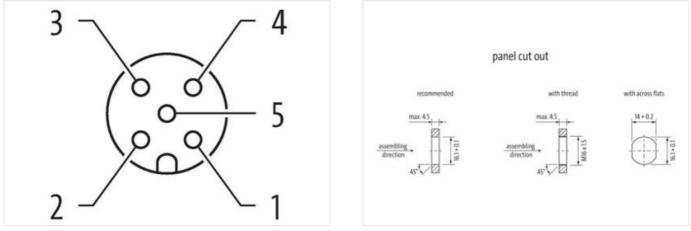
PVC 5x0.34 shielded bk UL/CSA 0.9m

Flange female M12, 5-pole shielded 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







Product may differ from Image



| 0,9 m | |
|--------|--|
| | |
| 0,6 Nm | |
| | |

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: 2024-05-08

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



| Mounting method | inserted, screwed |
|--|----------------------|
| Coating contact | gold plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material contact | Copper alloy |
| Material | Brass |
| No. of poles | 5 |
| Degree of protection (EN IEC 60529) | IP67 |
| Side 2 | |
| Stripping length (jacket) | 20 mm |
| Coating contact | gold plated |
| Commercial data | |
| ECLASS-6.0 | 27279220 |
| ECLASS-6.0 ECLASS-6.1 | 27279220 |
| ECLASS-0.1 ECLASS-7.0 | |
| ECLASS-7.0 ECLASS-8.0 | 27440103 27440103 |
| | |
| ECLASS-9.0 | 27440103 |
| ECLASS-10.1 ECLASS-11.1 | 27440103 |
| | 27440103 |
| ECLASS-12.0 | 27440103 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879570046 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 60 V |
| Operating voltage DC max. | 60 V |
| Current operating per contact max. | 4 A |
| Diagnostics | |
| Status indication LED | no |
| Installation Connection | |
| Stripping length (jacket) | 20 mm |
| Mounting set | M16 x 1.5 |
| Width across flats | SW19 |
| Device protection Electrical | |
| • | |
| Protection NEMA | 3, 4, 6P |
| 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 | nickel plated |
| Coating of fitting | nickel plated |
| Material gasket | FKM |
| Locking material | Brass |
| Material screw connection | Brass |
| Mechanical data Mounting data | |
| Mounting method | Schraubgewinde |
| Looking techniques | Schraubgewinde |
| _coning tooliniquoo | |

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| 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 | 602 | |
| Cable Type | 1 | |
| Jacket Color | black | |
| Type of Certificate | cURus | |
| Amount stranding | 1 | |
| Stranding | 5 wires around Core filler twisted | |
| Cable shielding (type) | copper braid, tinned | |
| Cable shielding (coverage) | 80 % | |
| Banding | Fleece, Foil | |
| Filler | yes | |
| wire arrangement | brown, black, blue, white, green-yellow | |
| Cable weigth | 68,2 g/m | |
| Material jacket | PVC | |
| Shore hardness jacket | 85 ± 5 Shore A | |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, silicone-free | |
| Outer-diameter (jacket) | 5,6 mm | |
| 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 mm² | |
| 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 - acket) | 2 kV @ 60 s | |
| AC withstand voltage (wire - shield) | 2 kV @ 60 s | |
| Min. operating temperature (static) | -30 °C | |
| Max. operating temperature (fixed) | 0° 08 | |
| Operating temperature min. (dynamic) | -5 ℃ | |
| Operating temperature max. (dynamic) | 0° 08 | |
| UV resistance | DIN EN ISO 4892-2 A | |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 | |
| chemical resistance | Good, application-related testing | |

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Gasoline resistance

Oil resistance

Good, application-related testing

Bending radius (fixed)

DIN EN 60811-404 | Good, application-related testing 10 x Outer diameter