

M12 male 0° / M12 female 0° A-cod.

PUR 4x0.34 bk UL/CSA 4m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight - female straight

M12 - M12, 4-pole

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

Plastic housings with good resistance against chemicals and oils.

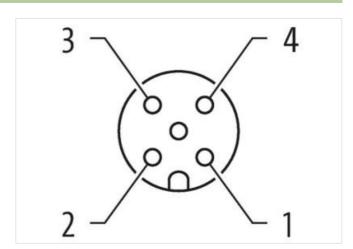
The resistance to aggressive media should be individually tested for your application. Further details on request.

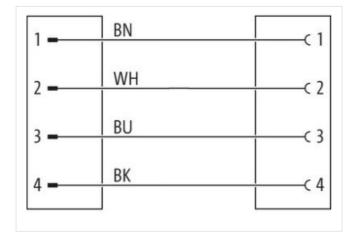
Further cable lengths on request.

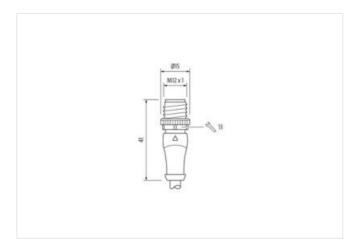
Link to Product

Illustration



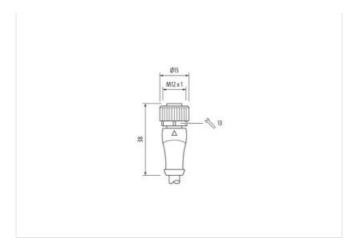


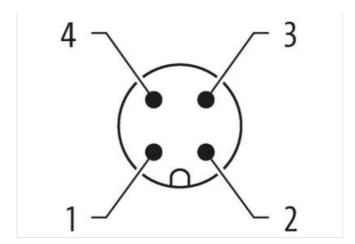






stay connected





Product may differ from Image



Cable length





4 m







| Cable length | 4111 |
|---|-------------------|
| Side 1 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| suitable for corrugated tube (internal Ø) | 10 mm |
| Coding | A |
| Material | PUR |
| 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 Ø) | 10 mm |
| Coding | A |
| Material | PUR |
| Width across flats | SW13 |
| 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 | 4048879183611 |
| | |

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: 2024-05-23



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| Current operating per contact max. Installation Connection Mourning set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Ratide surge voilage 2,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coasting of lifting nickel plated Coasting and lifting nickel plated Coasting of lifting nickel plated Coperating longerature max 25 °C Operating longerature max 25 °C Operating longerature max 26 °C Coastinum Installation notes Note on stant relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Aftention: Coserve the permissible bending radii when laying cables, as the IP protection class can be notangered by excessive bending longes. Conformity Product standard DIN EN 61076-2-101 (M12) Cable Cable Type 2 (PURPYC) 42.0 1 mm (multi-stand wire class 6) Diameter (core) 42.0 1 mm (multi-stand wire class 6) Diameter (core) 42.0 1 mm (multi-stand wire class 6) Diameter (core) 43.0 3 mm (multi-stand wire class 6) Diameter (core) | Packaging unit | 1 |
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| Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 42,68 g Material wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 4× 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no | Cable | |
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| Single wire Ø (core) O.1 mm Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 4× 0.34 mm² AWG Similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no | Material wire | Cu wire, bare |
| Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 4× 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no | Resistor (core) | max. 57 Ω/km (20 °C) |
| Diameter (core) 4× 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no | Single wire Ø (core) | 0.1 mm |
| AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no | Construction (core) | 42× 0.1 mm (multi-strand wire class 6) |
| Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no | Diameter (core) | 4× 0.34 mm² |
| Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no | AWG | similar to AWG 22 |
| Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no | Material wire isolation | PVC |
| Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no | Material property wire insulation | CFC-, cadmium-, silicone- and lead-free |
| Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no | Shore hardness wire isolation | 43 ±5 D |
| Stranding combination 4 wires twisted Shield no | Wire-Ø incl. isolation | 1.25 mm ±5% |
| Shield no | Color/numbering of wires | br, bk, bl, wh |
| | Stranding combination | 4 wires twisted |
| Material jacket PUR/PVC | Shield | no |
| | Material jacket | PUR/PVC |



| stay o | connected |
|--------|-----------|
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| Material property (jacket) | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant |
|---------------------------------|--|
| Shore hardness jacket | 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) |
| Outer-Ø (jacket) | 4.6 mm ±5% |
| Color jacket | black |
| chemical resistance | good resistance to oil, gasoline and chemicals |
| Nominal voltage | UL 300 V AC |
| Test voltage | 2000 V AC |
| Current load capacity | to DIN VDE 0298-4 |
| Temperature range (fixed) | -30+80 °C |
| Temperature range (mobile) | -5+80 °C |
| Bending radius (fixed) | 10× outer Ø |
| Bending radius (dynamic) | 15× outer Ø |
| No. of bending cycles (C-track) | max. 2 Mio. (25 °C) |
| Travel speed (C-track) | max. 3.3 m/s |
| Acceleration (C-track) | max. 5 m/s ² |