

M12 male 90° / M12 female 90° A-cod.

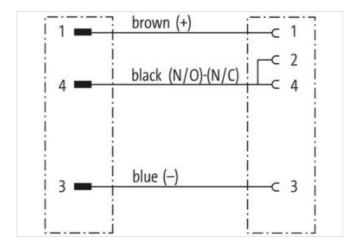
PUR 3x0.34 ye UL/CSA 0.3m

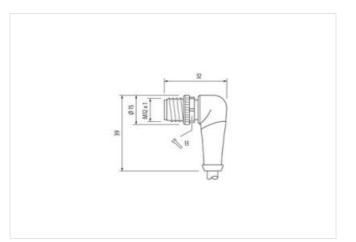
Male 90° – female 90° M12 – M12, 3-pole bridged Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

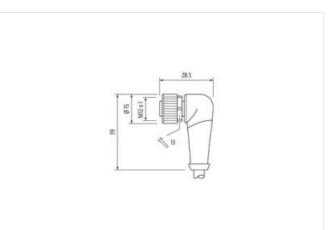
Link to Product

Illustration

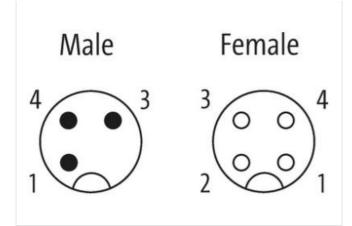












Product may differ from Image



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| idth across flats SW13 agree of protection (EN IEC 60529) IP66K, IP67 side 2 | Coding | A |
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| perating voltage AC (UL-listed) 30 V perating voltage DC (UL-listed) 30 V urrent operating per contact max. 4 A | Operating voltage AC max. | 250 V |
| perating voltage DC (UL-listed) 30 V urrent operating per contact max. 4 A | Operating voltage DC max. | 250 V |
| urrent operating per contact max. 4 A | Operating voltage AC (UL-listed) | 30 V |
| | Operating voltage DC (UL-listed) | 30 V |
| nstallation Connection | Current operating per contact max. | 4 A |
| | Installation Connection | |

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: 2024-05-20

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| Device protection Electrical | |
|---|---|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| 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 Climation | • |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| Conformity | |
| | |
| Product standard | DIN EN 61076-2-101 (M12) |
| Cable | |
| Cable identification | 023 |
| Cable Type | 2 (PUR/PVC) |
| Approval (cable) | UL (AWM-Style 20549/1731), CSA; CE conform |
| Cable weight [g/m] | 35,97 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) | 3× 0.34 mm ² |
| 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 |
| Stranding combination | 3 wires twisted |
| Shield | no |
| Material jacket | PUR/PVC |
| Material property (jacket) | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasic resistant, hydrolysis and microbial resistant |
| Shore hardness jacket | 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) |
| Outer-Ø (jacket) | 4.3 mm ±5% |
| Color jacket | yellow |
| 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 |

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Acceleration (C-track)

max. 5 m/s²

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