

M12 female 90° with cable AIDA

PUR 4x0.34 bk UL/CSA+drag chain 5m

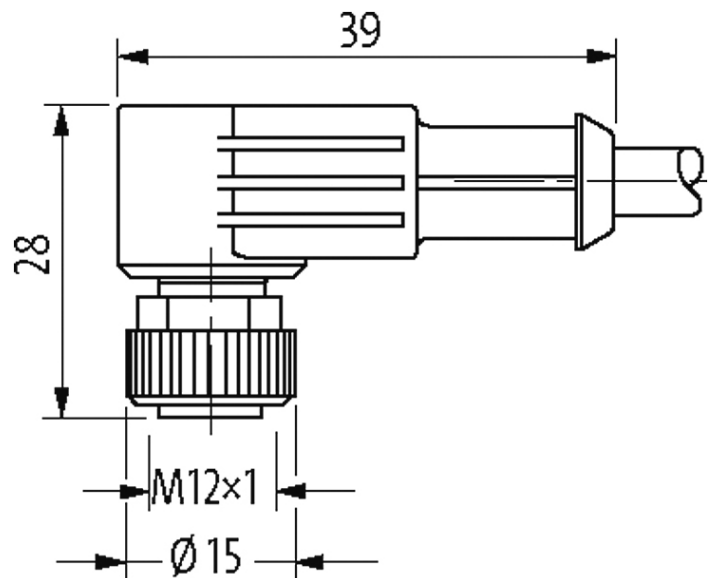
AIDA conform

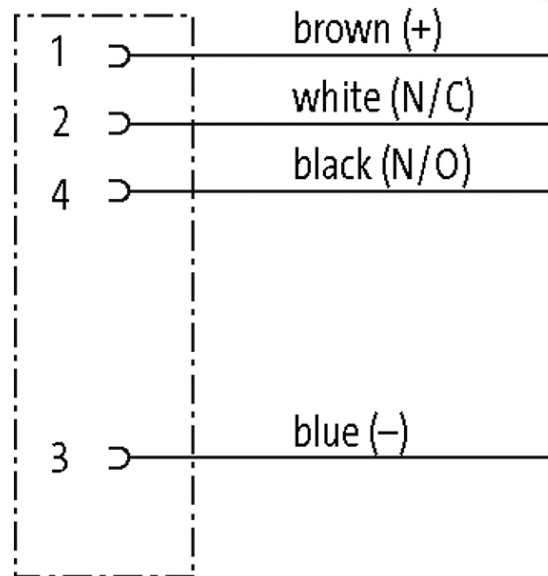
Female 90°

M12, 4-pole

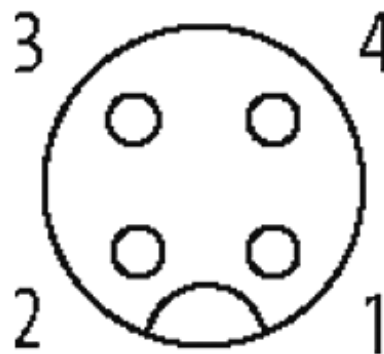
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

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

Female



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

Form

Form 12341

Cables

| | |
|-----------------------|--------------------------|
| No./diameter of wires | 4 × 0.34 mm ² |
| Wire isolation | PP (br, wh, bl, bk) |
| C-track properties | 10 Mio. |
| Material (jacket) | PUR (UL/CSA) |
| Outer Ø | 4.5 mm ±5% |
| Bend radius (moving) | 10× outer Ø |

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 05/19

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| | |
|------------------------------------|--|
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -25...+80 °C |
| Cable identification | 634 |
| Cable Type | 3 (PUR) |
| Approval (cable) | cRUus (AWM-Style 20549/10493); CE conform |
| Cable weight [g/m] | 36,30 |
| 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 mm ² |
| AWG | similar to AWG 22 |
| Material (wire isolation) | PP |
| Material property (wire isolation) | CFC-, halogen-, cadmium-, silicone- and lead-free |
| Shore hardness (wire isolation) | 70 ±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 (jacket) | PUR |
| 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) | 90 ±5 A |
| Outer-Ø (jacket) | 4.5 mm ±5% |
| Color (jacket) | black |
| chemical resistance | good resistance to oil, gasoline and chemicals (EN 60811-404) |
| thermal resistance | flame retardant UL 1581 VW1 / CSA FT 1 / IEC 60332-1, IEC 60332-2-2 |
| Nominal voltage | 300 V AC |
| Test voltage | 2500 V AC |
| Current load capacity | to DIN VDE 0298-4 |
| Temperature range (fixed) | -40...+80 °C, (+90 °C at max. 10 000 operating hours) |
| Temperature range (mobile) | -25...+80 °C, (+90 °C at max. 10 000 operating hours) |
| Bend radius (fixed) | 5 × outer Ø |
| Bend radius (moving) | 10× outer Ø |
| No. of bending cycles (C-track) | max. 10 Mio. (25 °C) |
| Travel speed (C-track) | max. 3 m/s |
| Acceleration (C-track) | max. 10 m/s ² |
| Torsion stress | ±180°/m |
| No. of torsion cycles | max. 2 Mio. (25 °C) |
| Torsion speed | 35 cycles/min |
| Jacket Color | black |

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Technical Data

| | |
|---|---|
| Operating voltage | max. 250 V AC/DC |
| Operating voltage (only UL listed) | max. 30 V AC/DC |
| Rated surge voltage | 2.5 kV |
| Operating current per contact | max. 4 A |
| Material group | IEC 60664-1, category I |
| Coding | A-coded |
| Locking of ports | Screw thread (M12×1) recommended torque 0.6 Nm, self-securing |
| Compression gland | M12 (SW13) |
| Protection | IP65, IP66K, IP67 inserted and tightened (EN 60529) |
| Locking material | Zinc die casting, matte nickel plated |
| Material | PUR |
| suitable for corrugated tube (internal Ø) | 10 mm |

General data

| | |
|---------------------------|--|
| Standards | DIN EN 61076-2-101 (M12) |
| Pollution Degree | 3 |
| Stripping length (jacket) | 20 mm |
| Temperature range | -25...+85 °C, depending on cable quality |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879675963 |
| eClass | 27279218 |
| Packaging unit | 1 |