

M12 male 0° / M12 female 0° A-cod. shielded

PVC 4x0.34 shielded gy UL/CSA 8m

Male straight – female straight
M12 – M12, 4-pole
shielded

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.

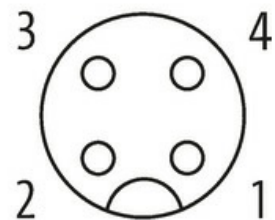
Further cable lengths on request.

[Link to Product](#)**Illustration**

Product may differ from Image

Male

Female





* only for products with UL/CSA approved cable

| Form | |
|------------------------------------|--|
| Form | 40501 |
| Technical Data | |
| Operating voltage | max. 60 V AC/DC |
| Operating voltage (only UL listed) | max. 30 V AC/DC |
| Operating current per contact | max. 4 A |
| Locking of ports | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland | M12 (SW13) |
| Protection | IP65 and IP67 when plugged and screwed down (EN 60529) |
| Locking material | Zinc die casting, matte nickel plated |
| General data | |
| Standards | DIN EN 61076-2-101 (M12) |
| Temperature range | -25...+85 °C, depending on cable quality |
| Cables | |
| No./diameter of wires | 4× 0.34 mm ² |
| Wire isolation | PVC (br, wh, bl, bk) |
| Outer Ø | 5.3 mm ±5% |
| Cable identification | 201 |
| Cable Type | 1 (PVC) |
| Approval (cable) | UL (AWM-Style 2464/1731), CSA |
| Cable weight [g/m] | 58,3 g |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 57 Ω/km (20 °C) |
| Single wire Ø (core) | 0.15 mm |
| Construction (core) | 19× 0.15 mm (multi-strand wire class 5) |
| Diameter (core) | 4× 0.34 mm ² |
| AWG | similar to AWG 22 |
| Material (wire isolation) | PVC |
| Material property (wire isolation) | CFC-, cadmium-, silicone- and lead-free |
| Shore hardness (wire isolation) | 45 ±5 D |
| Wire-Ø incl. isolation | 1.25 mm ±5% |
| Color/numbering of wires | br, bk, bl, wh |
| Stranding combination | 4 wires twisted |
| Shield | yes |
| Material (jacket) | PVC |
| Material property (jacket) | CFC-, cadmium-, silicone- and lead-free |
| Shore hardness (jacket) | 85 ±5 A |
| Outer-Ø (jacket) | 5.3 mm ±5% |
| Color (jacket) | gray |
| Jacket Color | gray |
| Cable print | - |
| chemical resistance | good resistance to oil, gasoline and chemicals |
| thermal resistance | flame retardant UL 1581 VW1 / CSA FT1 |
| Nominal voltage | 300 V AC |
| Test voltage | 2000 V AC |
| Current load capacity | to DIN VDE 0298-4 |
| Temperature range (fixed) | -30...+80 °C |
| Temperature range (fixed) | -30...+80 °C |

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: 03/22

| | |
|----------------------------|--------------|
| Temperature range (mobile) | -5...+80 °C |
| Temperature range (mobile) | -5...+80 °C |
| Bend radius (fixed) | 10× outer Ø |
| Material (jacket) | PVC (UL/CSA) |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879467735 |
| eClass | 27279218 |
| Packaging unit | 1.000 |