

M12 male 0° / M12 female 90° A-cod. shielded

PUR 4x0.34 shielded gn 2m

Male straight – female 90°

M12 – M12, 4-pole

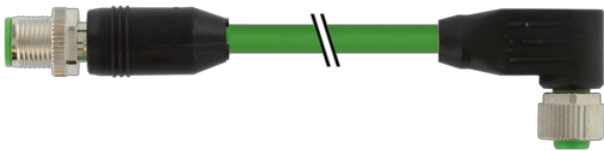
shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

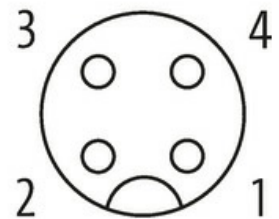
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

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

Male

Female





Product may differ from Image



* only for products with UL/CSA approved cable

| Form | |
|---|--|
| Form | 40511 |
| Technical Data | |
| Operating voltage | max. 60 V AC/DC |
| Operating voltage (only UL listed) | max. 30 V AC/DC |
| Rated surge voltage | 1.5 kV |
| Operating current per contact | max. 4 A |
| No. of poles | 4 |
| Material group | IEC 60664-1, category I |
| Coding | A-coded |
| LED display | no |
| Locking of ports | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland | M12 (SW13) |
| Protection | IP66K, IP67 inserted and tightened (EN 60529) |
| Material | PUR |
| Locking material | Zinc die casting, matte nickel plated |
| suitable for corrugated tube (internal Ø) | without |
| General data | |
| Standards | DIN EN 61076-2-101 (M12) |
| Mounting method | inserted, tightened |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |
| Cables | |
| No./diameter of wires | 4× 0.34 mm ² |
| Wire isolation | TPE-E (br, bk, bl, wh) |
| Outer Ø | 5.9 mm ±5% |
| Cable identification | 820 |
| Approval (cable) | CE conform |

| | |
|-------------------------------------|--|
| Cable weight [g/m] | 48,95 g |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 57 Ω /km (20 °C) |
| Single wire \varnothing (core) | 0.1 mm |
| Construction (core) | 42x 0.1 mm (multi-strand wire class 6) |
| Diameter (core) | 4x 0.34 mm ² |
| AWG | similar to AWG 22 |
| Material (wire isolation) | TPE |
| Material property (wire isolation) | halogen- and lead-free |
| Shore hardness (wire isolation) | 85 \pm 5 A |
| Wire- \varnothing incl. isolation | 1.25 mm \pm 5% |
| Color/numbering of wires | br, bk, bl, wh |
| Stranding combination | 4 wires twisted |
| Shield | yes |
| optical shield cover | min. 85% |
| 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) | 85 \pm 5 A |
| Outer- \varnothing (jacket) | 5.9 mm \pm 5% |
| Color (jacket) | green |
| Jacket Color | green |
| Nominal voltage | 300/500 V AC |
| Test voltage | 1500 V AC |
| Temperature range (fixed) | -50...+80 °C |
| Temperature range (fixed) | -50...+80 °C |
| Temperature range (mobile) | -40...+80 °C |
| Temperature range (mobile) | -40...+80 °C |
| Bend radius (moving) | 10x outer \varnothing |
| Bend radius (moving) | 10x outer \varnothing |
| Material (jacket) | PUR |
| Commercial data | |
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879560023 |
| eClass | 27279218 |
| Packaging unit | 1.000 |