

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

PUR 4x0.34 shielded gn 0.3m

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.

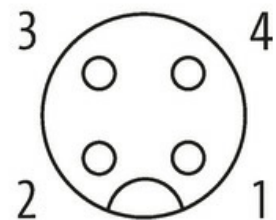
Further cable lengths on request.

**[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 <sup>2</sup>  |
| 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 Ø (core)               | 0.1 mm   |
| Construction (core)                | 42× 0.1 mm (multi-strand wire class 6)   |
| Diameter (core)                    | 4× 0.34 mm <sup>2</sup>  |
| AWG                                | similar to AWG 22  |
| Material (wire isolation)          | TPE  |
| Material property (wire isolation) | halogen- and lead-free   |
| Shore hardness (wire isolation)    | 85 ±5 A  |
| Wire-Ø incl. isolation             | 1.25 mm ±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 ±5 A  |
| Outer-Ø (jacket)                   | 5.9 mm ±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)               | 10× outer Ø  |

|                        |               |
|------------------------|---------------|
| Bend radius (moving)   | 10× outer Ø   |
| Material (jacket)      | PUR           |
| <b>Commercial data</b> |               |
| country of origin      | DE            |
| customs tariff number  | 85444290      |
| EAN                    | 4048879165525 |
| eClass                 | 27279218      |
| Packaging unit         | 1.000         |