

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

PUR 4x2x0.25 shielded gy 50m

Male straight – female straight

M12 – M12, 8-pole

shielded

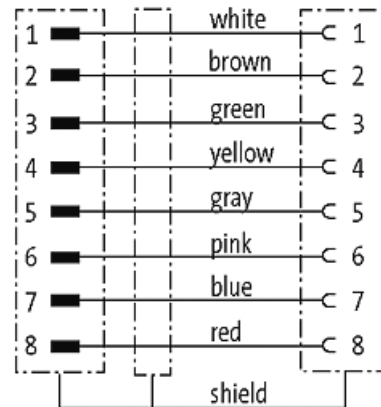
Plastic housings with good resistance against chemicals and oils.

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



\* only for products with UL/CSA approved cable

Form

Form 48041

**Technical Data**

|                               |  |
|-------------------------------|--|
| Operating voltage             | max. 30 V AC/DC  |
| Rated surge voltage           | 0.8 kV   |
| Operating current per contact | max. 2 A   |
| Locking of ports              | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Protection                    | IP65, IP66K, IP67 inserted and tightened (EN 60529)              |

**Cables**

|                                    |   |
|------------------------------------|---|
| Cable number                       | 286   |
| No./diameter of wires              | 4× 2× 0.25 mm <sup>2</sup>                                    |
| Wire isolation                     | PP (wh, br, gn, ye, gr, pk, bl, rd)                           |
| Jacket Color                       | gray  |
| Material (jacket)                  | TPU   |
| Outer Ø                            | 7.1 mm ±5%  |
| Bend radius (moving)               | 15× outer Ø   |
| Temperature range (fixed)          | -40...+90 °C  |
| Temperature range (mobile)         | -5...+90 °C   |
| Cable identification               | 286   |
| Approval (cable)                   | CE conform  |
| Cable weight [g/m]                 | 74,80   |
| Material (wire)                    | Cu wire, bare   |
| Resistor (core)                    | max. 79 Ω/km (20 °C)  |
| Single wire Ø (core)               | 0.1 mm  |
| Construction (core)                | 32× 0.1 mm (multi-strand wire class 6)                        |
| Diameter (core)                    | 4× 2× 0.25 mm <sup>2</sup>                                    |
| AWG                                | similar to AWG 24   |
| Material (wire isolation)          | PP  |
| Material property (wire isolation) | CFC-, halogen-, cadmium-, silicone- and lead-free             |
| Shore hardness (wire isolation)    | 65 ±5 D   |
| Wire-Ø incl. isolation             | 1.2 mm ±5%  |
| Color/numbering of wires           | br, wh, rd, bl, pk, gr, ye, gn                                |
| Shield                             | yes   |
| Material (jacket)                  | TPU   |
| Shore hardness (jacket)            | 85 ±5 A   |
| Outer-Ø (jacket)                   | 7.1 mm ±5%  |
| Color (jacket)                     | gray  |
| chemical resistance                | good resistance to oil, gasoline and chemicals (EN 60811-404) |
| thermal resistance                 | flame retardant EN 60332-1                                    |
| Nominal voltage                    | 300 V AC  |
| Test voltage                       | 1500 V AC   |
| Current load capacity              | to DIN VDE 0298-4   |
| Temperature range (fixed)          | -40...+90 °C  |
| Temperature range (mobile)         | -5...+90 °C   |
| Bend radius (fixed)                | 7.5× outer Ø  |
| Bend radius (moving)               | 15× outer Ø   |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879520232 |
| eClass                | 27279218      |
| Packaging unit        | 1             |