

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

PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 1m

Cube67

Male straight – female 90°

M12 – M12, 6-pole

shielded

Hybrid cable

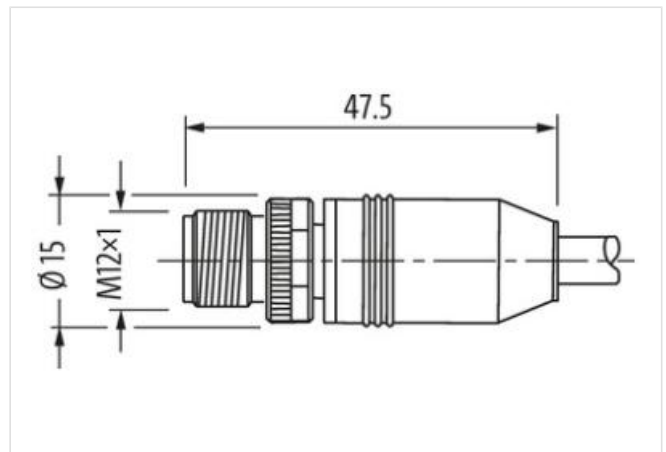
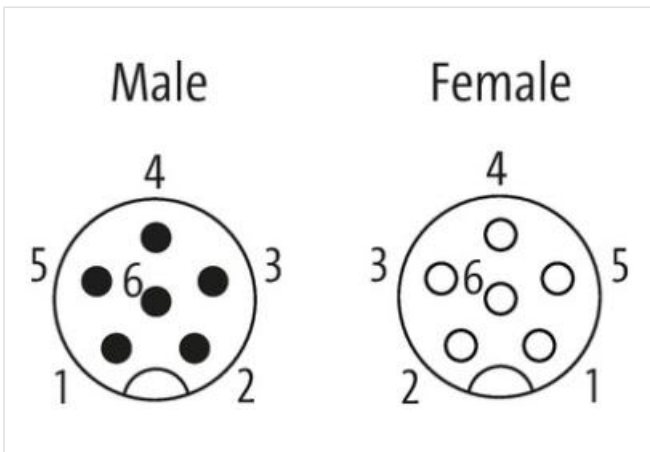
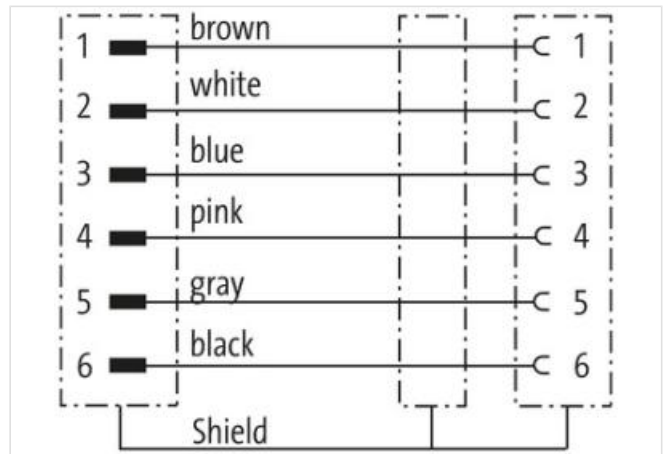
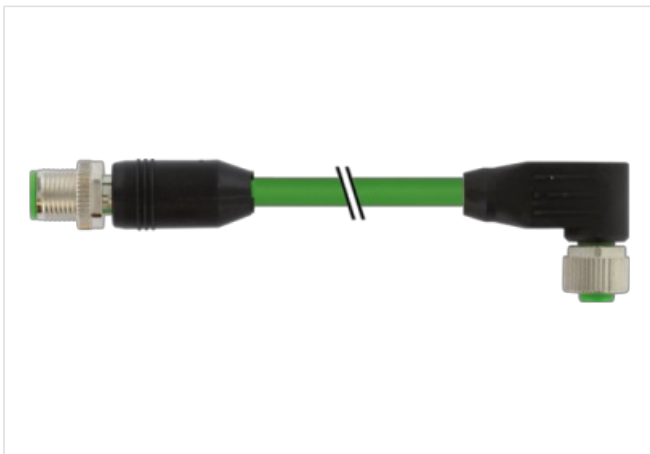
Plastic housings with good resistance against chemicals and oils.

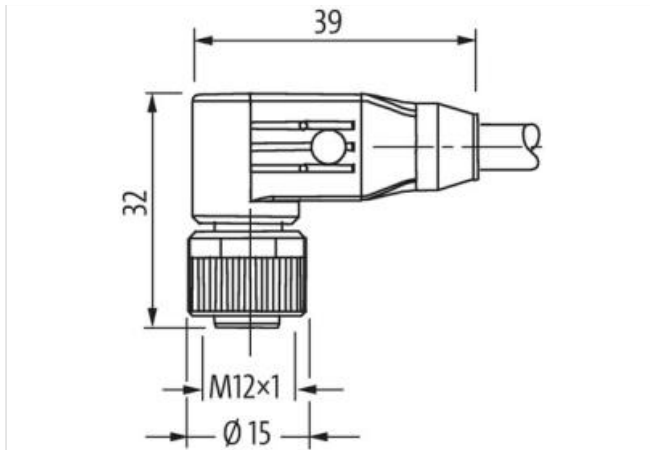
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Link to Product](#)

Illustration





Product may differ from Image



Cable length 1 m

classifications

| | |
|-------------|----------|
| ECLASS-6.0 | 27061801 |
| ECLASS-6.1 | 27060307 |
| ECLASS-7.0 | 27060307 |
| ECLASS-8.0 | 27060307 |
| ECLASS-9.0 | 27060307 |
| ECLASS-10.1 | 27060307 |
| ECLASS-11.1 | 27060307 |
| ECLASS-12.0 | 27060307 |
| ETIM-5.0 | EC001855 |

Technical Data

| | |
|------------------------------------|--|
| Operating voltage | max. 30 V AC/DC |
| Operating voltage (only UL listed) | 30 V AC/DC |
| Rated surge voltage | 0.8 kV |
| Operating current per contact | max. 4 A |
| Material group | IEC 60664-1, category I |
| Locking of ports | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Protection | IP66K, IP67 inserted and tightened (EN 60529) |
| Material | PUR |
| Locking material | Zinc die casting, matte nickel plated |
| Compression gland | M12 (SW13) |

General data

| | |
|-------------------|--|
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |

Cable

| | |
|----------------------|---|
| Cable identification | 802 |
| Approval (cable) | cURus (AWM-Style 20549/10493); CE conform |
| Cable weight [g/m] | 95,7 g |
| Material wire | Cu wire, bare |
| Single wire Ø (core) | 0.15 mm (0.5 mm ²); 0.1 mm (0.25 mm ²) |
| Construction (core) | 28× 0.15 mm (0.5 mm ²); 32× 0.1 mm (0.25 mm ²); (multi-strand wire class 6) |

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2023-09-21

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| | |
|---------------------------------|--|
| Diameter (core) | 4× 0.5 + 2× 0.25 mm ² |
| AWG | similar to AWG 20 (0.5 mm ²); similar to AWG 24 (0.25 mm ²) |
| Material wire isolation | TPE-E |
| Shore hardness wire isolation | 55 ±5 D |
| Wire-Ø incl. isolation | 1.5 mm ±5% (0.5 mm ²); 1.4 mm ±5% (0.25 mm ²) |
| Color/numbering of wires | (bl, wh, br, bk) + (gr, pk) |
| Shield | yes |
| Shield (Type) | Copper braid |
| Optical shield cover | min. 80% |
| Material jacket | PUR |
| Material property (jacket) | CFC-, halogen-, cadmium-, silicone-free, matt, low-adhesion, machine easy to process, abrasion-resistant |
| Shore hardness jacket | 89 ±5 A |
| Outer-Ø (jacket) | 6.6 mm ±5% |
| Color jacket | green |
| Nominal voltage | 300 V AC |
| Test voltage | 1500 V (wire/wire); 1200 V (wire/shield) |
| Temperature range (fixed) | -50...+80 °C |
| Temperature range (mobile) | -40...+80 °C |
| Bend radius (fixed) | 5× outer Ø |
| Bend radius (moving) | 10× outer Ø |
| No. of bending cycles (C-track) | max. 5 Mio. (25 °C) |
| Travel speed (C-track) | max. 2 m/s |
| Torsion stress | ±180°/m |
| Commercial data | |
| customs tariff number | 85444290 |
| GTIN | 4048879808613 |
| Packaging unit | 1 |