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

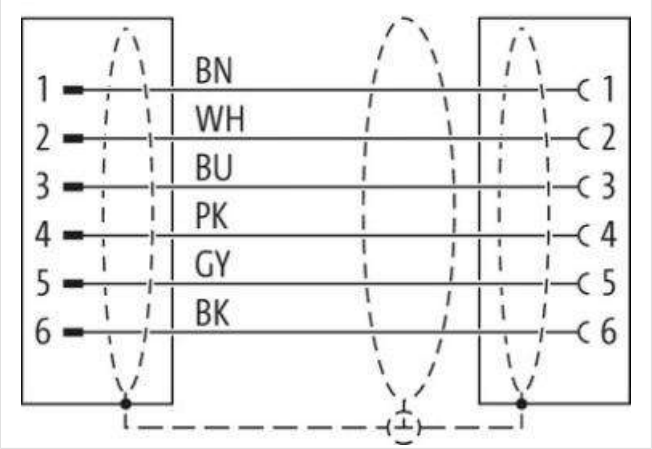
PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 1m

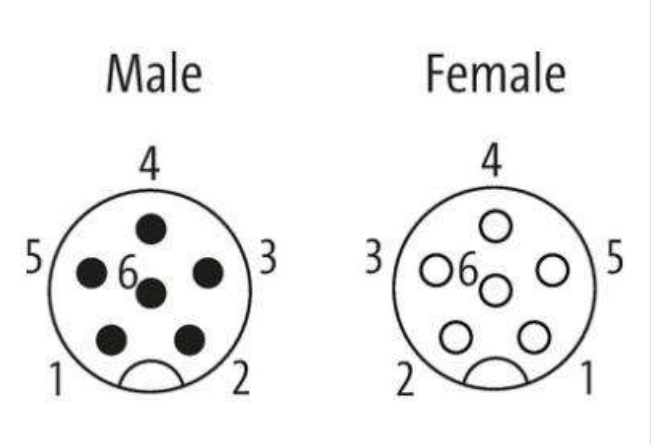
Cube67
Male straight – female straight
M12 – M12, 6-pole
shielded
A-coded
Hybrid cable
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

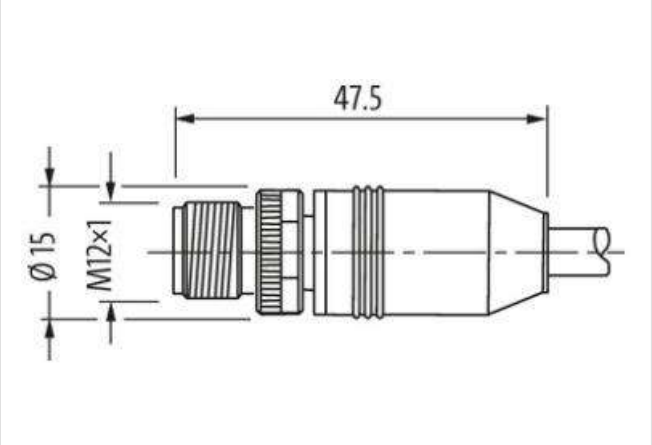
## Link to Product

**Illustration**



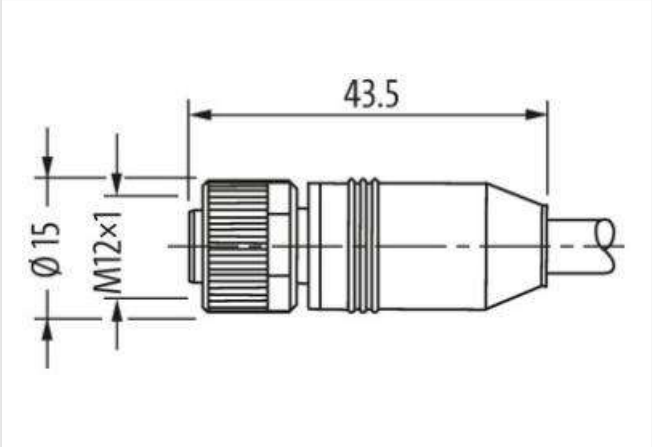



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Product may differ from Image

| | |
|---|---|
| Cable length | 1 m |
| **Side 1** | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material contact | Copper alloy |
| Material | PUR |
| No. of poles | 6 |
| Width across flats | SW13 |
| **Side 2** | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material contact | Copper alloy |
| Material | PUR |
| No. of poles | 6 |
| **Commercial data** | |
| 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 |

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| | |
|---|---|
| customs tariff number | 85444290 |
| GTIN | 4048879140492 |
| Packaging unit | 1 |
| **Electrical data \| Supply** | |
| Operating voltage AC max. | 30 V |
| Operating voltage DC max. | 30 V |
| Operating voltage AC (UL-listed) | 30 V |
| Operating voltage DC (UL-listed) | 30 V |
| Current operating per contact max. | 4 A |
| **Diagnostics** | |
| Status indication LED | no |
| **Device protection \| Electrical** | |
| Degree of protection (EN IEC 60529) | IP65, IP67 |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 0,8 kV |
| Material group (IEC 60664-1) | I |
| **Mechanical data \| Material data** | |
| Coating locking | Nickeled |
| Material gasket | FKM |
| Locking material | Zinc die-casting |
| **Mechanical data \| Mounting data** | |
| Mounting method | inserted, screwed, Shaking protection |
| **Environmental characteristics \| Climatic** | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | 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 mm²); 0.1 mm (0.25 mm²) |
| Construction (core) | 28× 0.15 mm (0.5 mm²); 32× 0.1 mm (0.25 mm²); (multi-strand wire class 6) |
| Diameter (core) | 4× 0.5 + 2× 0.25 mm² |
| AWG | similar to AWG 20 (0.5 mm²); similar to AWG 24 (0.25 mm²) |
| Material wire isolation | TPE-E |
| Shore hardness wire isolation | 55 ±5 D |
| Wire-Ø incl. isolation | 1.5 mm ±5% (0.5 mm²); 1.4 mm ±5% (0.25 mm²) |
| 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 |

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| | |
|---|---|
| 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 |

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