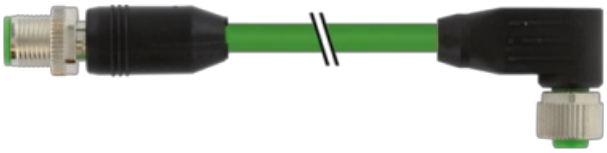
**M12 male 0° / M12 female 90° A-cod. shielded**

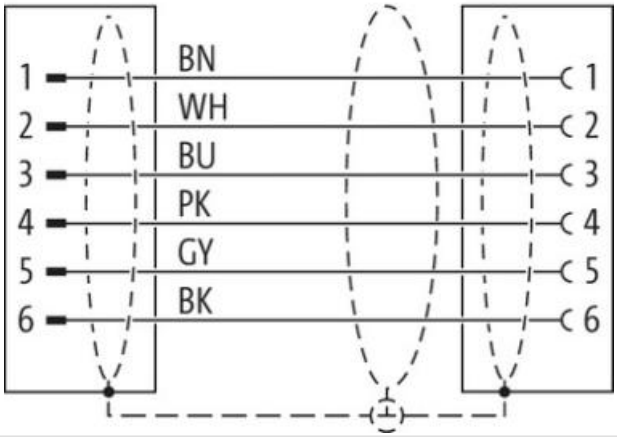
PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 1m

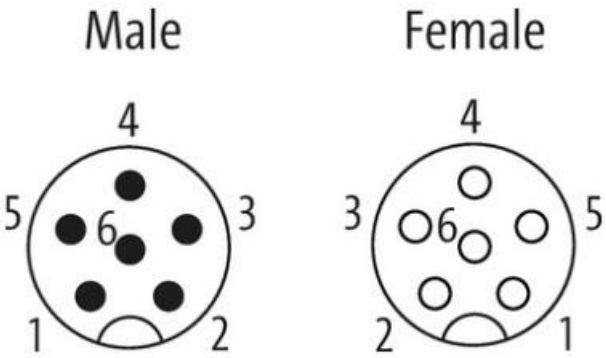
Cube67
Male straight – female 90°
M12 – M12, 6-pole
shielded
Hybrid cable
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

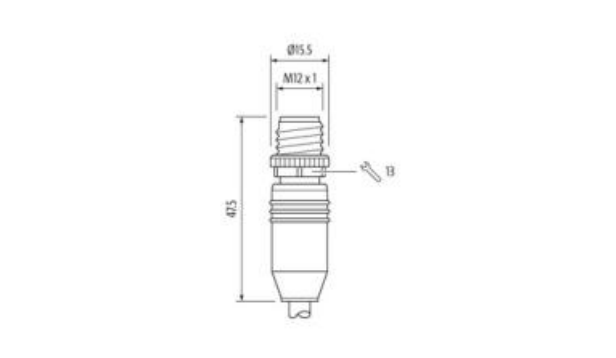
## Link to Product

**Illustration**

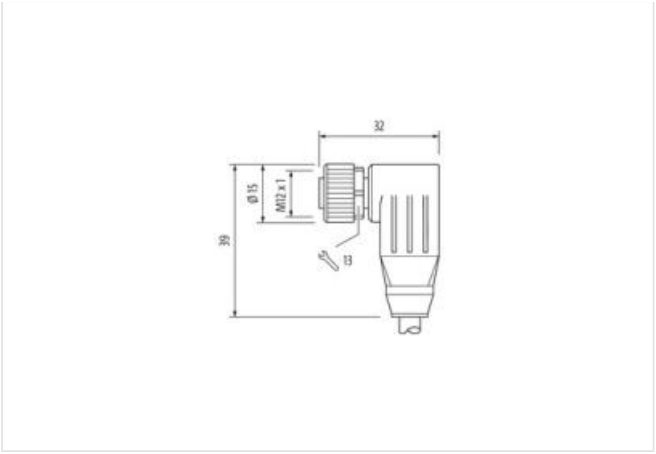




MURR ELEKTRONIK
stay connected




Product may differ from Image

| | |
|---|---|
| Cable length | 1 m |
| **Side 1** | |
| Tightening torque | 0,6 Nm |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Material | PUR |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP67 |
| **Side 2** | |
| Tightening torque | 0,6 Nm |
| Thread | M12 x 1 |
| Material | PUR |
| **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 |
| customs tariff number | 85444290 |
| GTIN | 4048879808613 |
| 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 |
| **Device protection \| Electrical** | |

MURR ELEKTRONIK
stay connected

| | |
|---|---|
| Degree of protection (ISO 20653:2013) | IP66K |
| 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 |
| 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 |
| **Installation \| Cable** | |
| Cable identification | 802 |
| Jacket Color | green |
| Type of Certificate | cURus |
| STOOW style jacket | Hybrid, Signal, Data |
| Amount stranding | 1 |
| Stranding | 2 wires twisted |
| Amount stranding (type 2) | 1 |
| Stranding (type 2) | 4 wires with Stranding combination with 3 Filler twisted |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 80 % |
| Banding | Fleece |
| Filler | yes |
| wire arrangement | (gray, pink), blue, white, brown, black |
| No. of bending cycles (C-track) | 5 Mio. @ 25 °C |
| Cable weigth | 77 g/m |
| Material jacket | PUR |
| Freedom from ingredients (jacket) | lead-free, CFC-free, halogen-free |
| Outer-diameter (jacket) | 6,6 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| Amount wires | 4 |
| Outer diameter insulation | 1,4 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire) | 64 |
| Diameter of single wires | 0,1 mm |
| Conductor crosssection (wire) | 0,5 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Material wire insulation (Data) | PP |
| Outer diameter wire insulation (Data) | 1,1 mm |
| Tolerance outer diameter wire insulation (data) | ± 5 % |
| Ingredient freeness wire insulation (Data) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount wires (Data) | 2 |
| Amount strands wire (Data) | 32 |
| Diameter of single wires (Data) | 0,1 mm |
| Conductor crosssection wire (Data) | 0,25 mm² |

| | |
|---|---|
| Material conductor wire (Data) | Stranded copper wire, bare |
| Wire conductor type (Data) | strand class 6 |
| Traversing distance (C-track) | 10 m @ 25 °C |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 6,3 A |
| Current load capacity min. Wire (Data) | 3,2 A |
| Electrical resistance line constant wire | 39 Ω/km @ 20 °C |
| Electrical resistance coating wire (Data) | 79 Ω/km @ 20 °C |
| Electric inductivity line constant | 0,65 mH/km |
| Loop resistance | 2000 MΩ × km |
| Nominal voltage power AC max. | 300 V |
| Electrical capacity line constant (wire - wire) (power) | 63000 pF/km |
| AC withstand voltage power (wire - shield) | 1,2 kV @ 60 s |
| Power frequency withstand voltage power (wire - jacket) | 1,5 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 1,5 kV @ 60 s |
| Min. operating temperature (static) | -50 °C |
| Max. operating temperature (fixed) | 90 °C |
| Operating temperature min. (dynamic) | -30 °C |
| Operating temperature max. (dynamic) | 70 °C |
| Flame resistance | IEC 60332-2-2 \| UL 1581 § 1100 FT2 \| UL 1581 § 1090 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 \| Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| Torsion stress | ± 180 °/m |