

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

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

Cube67
Male 90° – female 90°
M12 – M12, 6-pole
A-coded
shielded
Hybrid cable

Plastic housings with good resistance against chemicals and oils.

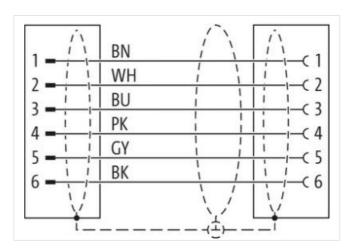
The resistance to aggressive media should be individually tested for your application. Further details on request.

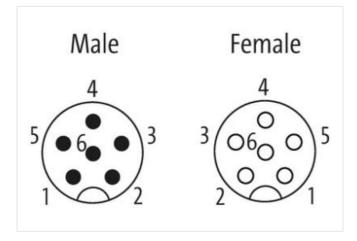
Further cable lengths on request.

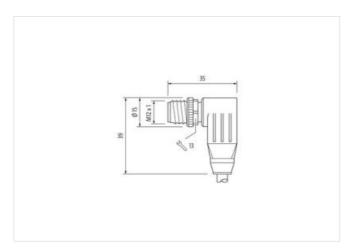
Link to Product

Illustration



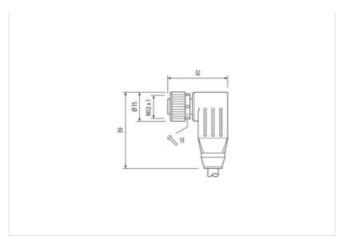








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Product may differ from Image





| Cable length | 2 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 |
| 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 |
| 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 |
| customs tariff number | 85444290 |
| GTIN | 4048879140140 |



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| 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) | |
| Mechanical data | |
| Contour for corrugated hose | without |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Material gasket | FKM |
| Locking material | Zinc die-casting |
| | Zino 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 |
| Important installation notes | |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| Note on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Installation Cable | |
| wire arrangement | (gray, pink), blue, white, brown, black |
| Cable identification | 802 |
| Function cable | Hybrid, Signal, Data |
| Jacket Color | green |
| Type of Certificate | cURus |
| 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 |
| 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% |



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| PP |
|--|
| 4 |
| 1,4 mm |
| ±5% |
| lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| 64 |
| 0,1 mm |
| 0,5 mm ² |
| Stranded copper wire, bare |
| strand class 6 |
| PP |
| 1,1 mm |
| ±5% |
| lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| 2 |
| 32 |
| 0,1 mm |
| 0,25 mm² |
| Stranded copper wire, bare |
| strand class 6 |
| 300 V |
| to DIN VDE 0298-4 |
| 6,3 A |
| 3,2 A |
| 39 Ω/km @ 20 °C |
| 79 Ω/km @ 20 °C |
| 1,5 kV @ 60 s |
| 0,65 mH/km |
| 63000 pF/km |
| 1,5 kV @ 60 s |
| 1,2 kV @ 60 s |
| 2000 MΩ × km |
| -50 °C |
| 90 °C |
| -30 °C |
| 70 °C |
| IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| Good, application-related testing |
| Good, application-related testing |
| DIN EN 60811-404 Good, application-related testing |
| 5 x Outer diameter |
| 10 x Outer diameter |
| 5 Mio. @ 25 °C |
| 10 m @ 25 °C |
| |
| 2 m/s @ 25 °C |
| |