

M12 male 0° A-cod. shielded / Drive Cliq IP67

PUR 0.20+0.38 shielded gn UL/CSA+drag ch. 8.7m

DRIVE-CLiQ signal cable for SINAMICS S120 and motors with DC 24 V wires
Ethernet CAT5

Male straight – male straight

M12, 8/6-pole – DRIVE-CLiQ IP67, 10/6-pole

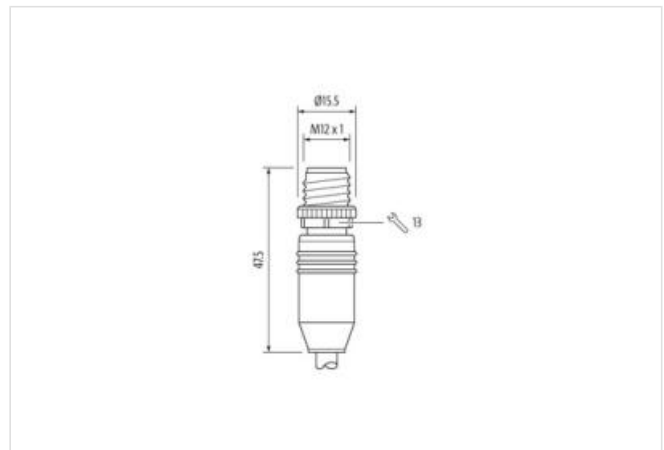
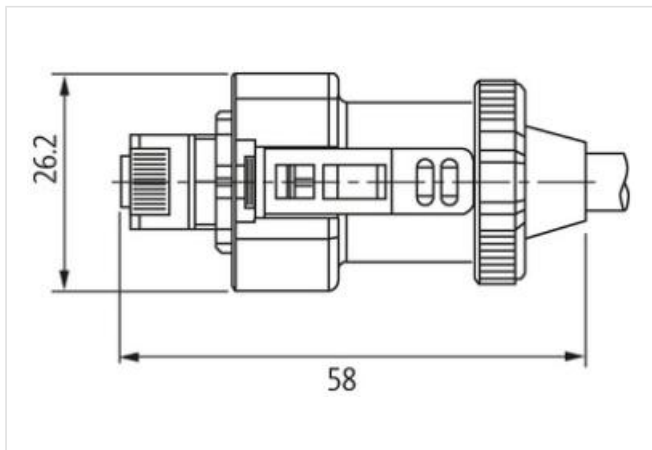
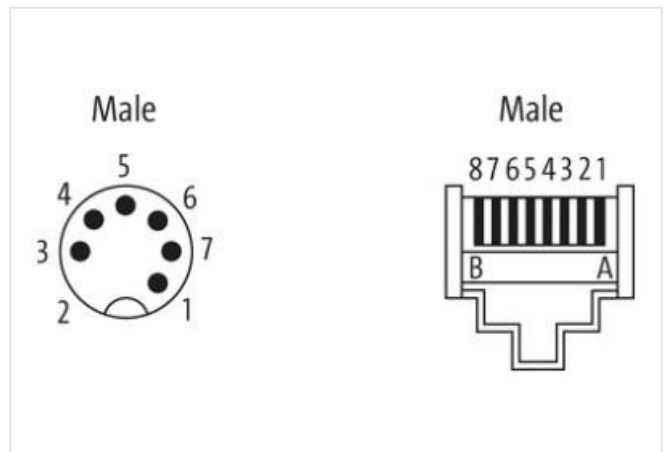
partly used

without cable sleeves

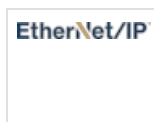
Further cable lengths on request.

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

Plastic housings with good resistance against chemicals and oils.

[Link to Product](#)**Illustration**

Product may differ from Image



Cable length

8,7 m

| Side 1 | |
|---|---|
| Tightening torque | 0,6 Nm |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Width across flats | SW13 |
| 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 | EC000830 |
| customs tariff number | 85444290 |
| GTIN | 4048879613149 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 30 V |
| Operating voltage DC max. | 30 V |
| Current operating per contact max. | 1,76 A |
| Industrial communication | |
| Transfer parameters | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Data transmission rate max. | 100 MBit/s |
| Industrial communication Ethernet functionality | |
| duplex | Full duplex |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) | IP67 |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 0,5 kV |
| Material group (IEC 60664-1) | II |
| Mechanical data | |
| Contour for corrugated hose | without |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Material housing | PUR |
| Locking material | Zinc die-casting |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed, Shaking protection |
| Environmental characteristics Climatic | |
| Operating temperature min. | -20 °C |
| Operating temperature max. | 80 °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 | |

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: 2024-06-26

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| | |
|--------------------------------------|--|
| wire arrangement | green, yellow, pink, blue, red, black |
| Cable identification | 880 |
| Jacket Color | green |
| Amount stranding | 2 |
| Stranding | 2 wires twisted |
| Stranding (type 2) | 2 wires around Stranding combination twisted |
| Cable shielding (type) | copper braiding, bare |
| Cable shielding (coverage) | 85 % |
| wire arrangement | green, yellow, pink, blue, red, black |
| Cable weight | 75,9 g/m |
| Material jacket | PUR |
| Outer-diameter (jacket) | 6,9 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | Polyolefin |
| Amount wires | 4 |
| Conductor crosssection (wire) | 0,2 mm ² |
| Material wire insulation (Data) | Polyolefin |
| Amount wires (Data) | 2 |
| Conductor crosssection wire (Data) | 0,38 mm ² |
| Min. operating temperature (static) | -20 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -20 °C |
| Operating temperature max. (dynamic) | 60 °C |
| Flame resistance | UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | Good, application-related testing DIN EN 60811-404 |
| Bending radius (installation) | x Outer diameter |
| Bending radius (fixed) | x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| No. of bending cycles (C-track) | 5 Mio. |
| Torsion stress | ± 30 °/m |