

MQ15 male 0° / MQ15 female 0° type 2

PUR 6x2.5 bk UL/CSA+drag ch. 3m

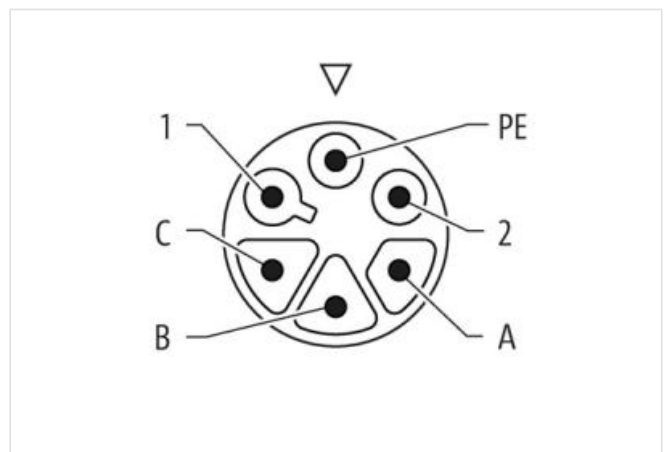
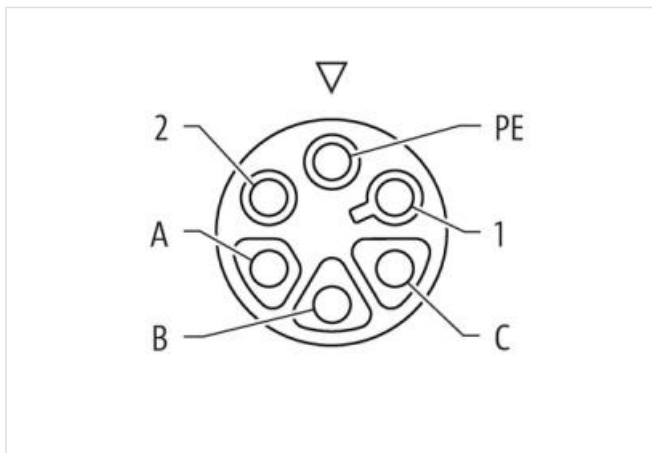
MQ15, 6-pole

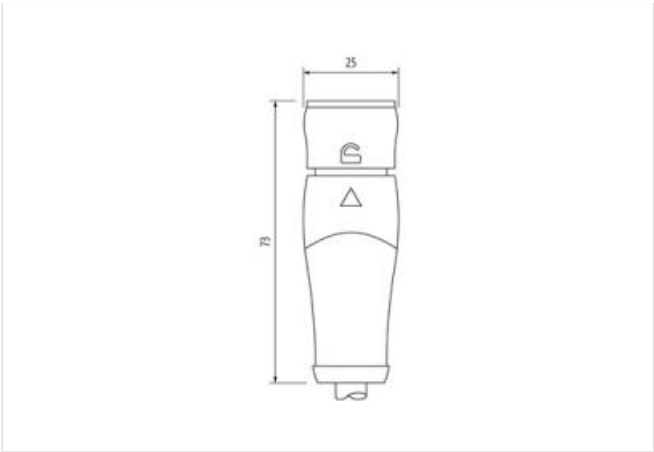
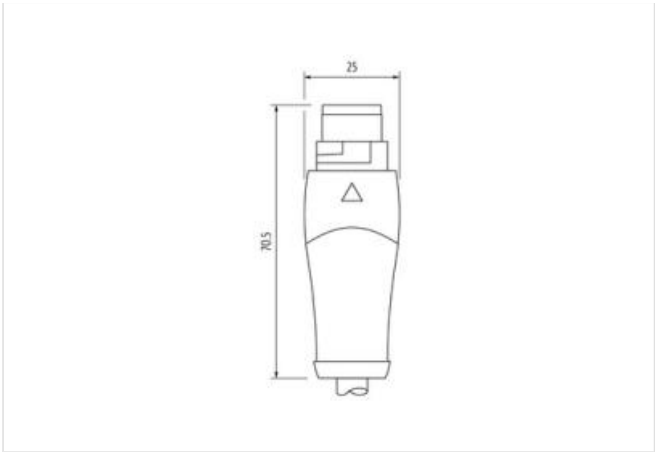
Male straight – female straight
with cable sleeves

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 | 3 m |
| Side 1 | |
| Mounting method | inserted, locked |
| Coating contact | silver-plated |
| Family construction form | MQ15 |
| suitable for corrugated tube (internal Ø) | 18 mm |
| Material contact | Copper alloy |
| No. of poles | 6 |
| Degree of protection (EN IEC 60529) | IP65, IP67 |
| Side 2 | |
| Mounting method | inserted, locked |
| Coating contact | silver-plated |
| Family construction form | MQ15 |
| Material contact | Copper alloy |
| No. of poles | 6 |
| Degree of protection (EN IEC 60529) | IP65, IP67 |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-6.1 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-9.0 | 27060327 |
| ECLASS-10.1 | 27060311 |
| ECLASS-11.1 | 27060311 |
| ECLASS-12.0 | 27060327 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4065909060452 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage DC | 48 V |
| Operating current per power contact max. | 20 A |

Operating current per signal contact max. 4 A

Diagnostics

Status indication LED no

Installation | Pin assignment

Coding Type 2

Configuration fully used

Device protection | Electrical

Additional condition protection degree inserted, locked

Pollution Degree 3

Rated surge voltage 0,8 kV

Material group (IEC 60664-1) I

Mechanical data | Material data

Material housing PUR

Material contact carrier PA

Locking material POM

Mechanical data | Mounting data

Looking techniques bayonet-locking

Environmental characteristics | Climatic

Operating temperature min. -30 °C

Operating temperature max. 85 °C

Additional condition temperature range depending on cable quality

Conformity

Product standard IEC 61076-2-116

Installation | Cable

Cable identification P63

Cable Type 3

Jacket Color black

Type of Certificate cURus

Stranding 6 wires around Filler twisted

Filler yes

wire arrangement black 5, black 4, black 3, black 2, black 1, green-yellow

Cable weight 227,7 g/m

Material jacket PUR

Shore hardness jacket 90 ± 5 Shore A

Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Outer-diameter (jacket) 10,5 mm

Tolerance outer diameter (sheath) ± 5 %

Material wire insulation PP

Amount wires 6

Outer diameter insulation 2,85 mm

Outer diameter tolerance core insulation ± 5 %

Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Amount strands (wire) 140

Diameter of single wires 0,15 mm

Conductor crosssection (wire) 2,5 mm²

Material conductor wire Stranded copper wire, bare

Conductor type (wire) strand class 6

Shore hardness wire insulation (Data) 60 ± 5 Shore D

Traversing distance (C-track) 5 m @ 25 °C

Nominal voltage AC max. 1000 V

Current load capacity (standard) to DIN VDE 0298-4

| | |
|---|--|
| Current load capacity min. wire | 19,5 A |
| Electrical resistance line constant wire | 8 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 10 kV |
| Power frequency withstand voltage (wire - jacket) | 10 kV |
| Min. operating temperature (static) | -50 °C |
| Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| UV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 |
| 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) | 7,5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| Travel speed (C-track) | 5 Mio. @ 25 °C |
| No. of torsion cycles | 2 Mio. 25 °C |
| Torsion stress | ± 180 °/m @ 25 °C |
| Torsion speed | 35 cycles/min 25 °C |