

MQ15-X-Power female 0° shielded with cable

PUR 4x2,5+2x1,5 shielded or UL/CSA+drag chain 10m

Female straight

MQ15, 6-pole

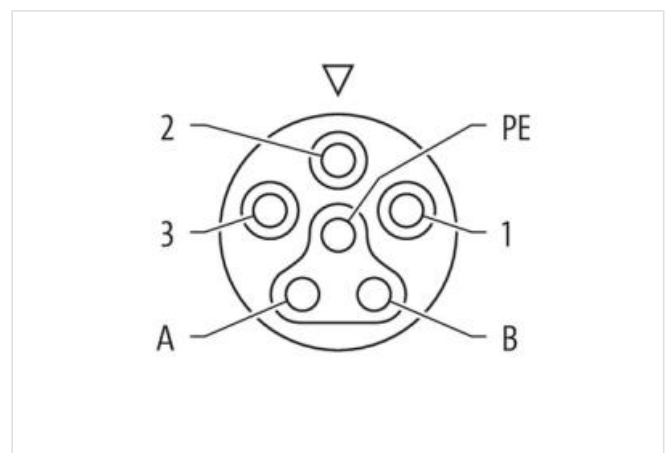
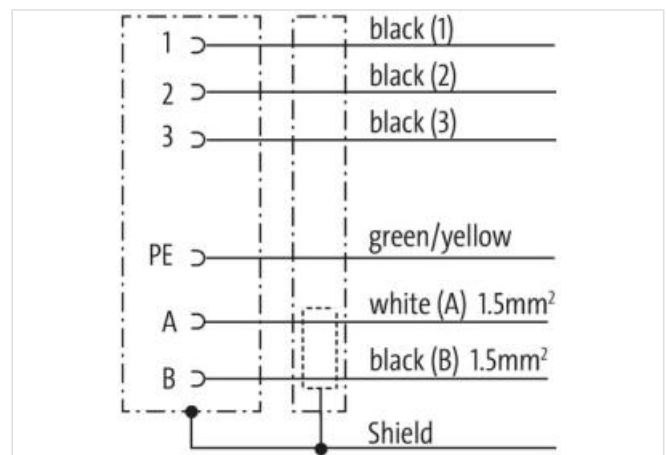
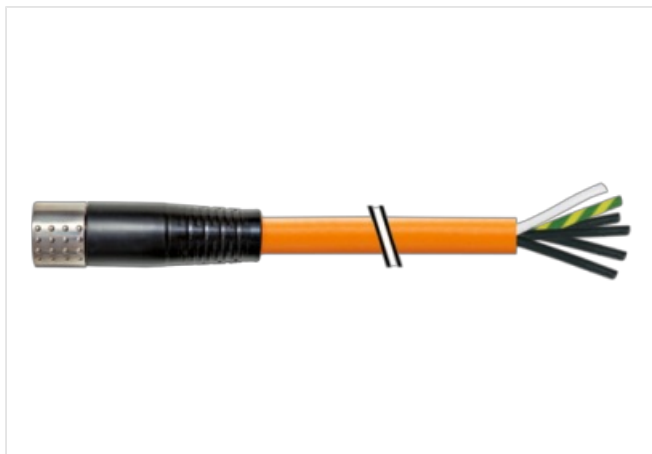
shielded

without 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 | 10 m |
| Side 1 | |
| Mounting method | inserted, screwed |
| Coating contact | silver-plated |
| Family construction form | MQ15 |
| Material contact | Copper alloy |
| No. of poles | 6 |
| Side 2 | |
| Stripping length (jacket) | 30 mm |
| Commercial data | |
| ECLASS-6.0 | 27279221 |
| ECLASS-7.0 | 27440104 |
| ECLASS-8.0 | 27440104 |
| ECLASS-9.0 | 27440102 |
| ECLASS-10.1 | 27060311 |
| ECLASS-11.1 | 27060311 |
| ECLASS-12.0 | 27060327 |
| ETIM-5.0 | EC001576 |
| customs tariff number | 85444290 |
| GTIN | 4048879704335 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC per power contact max. | 600 V |
| Operating voltage AC per signal contact max. | 63 V |
| Operating voltage DC per signal contact max. | 63 V |
| Current operating per contact max. | 16 A |
| Diagnostics | |
| Status indication LED | no |
| Installation Connection | |
| Stripping length (jacket) | 30 mm |
| Mating cycles min. | 500 |

| Installation Pin assignment | |
|---------------------------------------------------|-----------------------------------------------------------|
| Configuration | fully used |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) | IP67 |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 4 kV |
| Material group (IEC 60664-1) | I |
| Mechanical data Material data | |
| Combustibility class housing (UL94) | HB |
| Material housing | Plastic |
| Material contact carrier | PA |
| Mechanical data Mounting data | |
| Looking techniques | bayonet-locking |
| Environmental characteristics Climatic | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 80 °C |
| Additional condition temperature range | depending on cable quality |
| Installation Cable | |
| Cable identification | P11 |
| Jacket Color | orange |
| Cable shielding (type) | copper braiding, bare |
| Cable shielding (coverage) | 80 % |
| wire arrangement | (black 1, black 2, black 3), (green-yellow, white, black) |
| Material jacket | PUR |
| Outer-diameter (jacket) | 12,8 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | TPE |
| Amount wires | 4 |
| Conductor crossection (wire) | 2,5 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Material wire insulation (Data) | TPE |
| Amount wires (Data) | 2 |
| Conductor crossection wire (Data) | 1,5 mm ² |
| Material conductor wire (Data) | Stranded copper wire, bare |
| Wire conductor type (Data) | Strand class 5 |
| Nominal voltage AC max. | 1000 V |
| Electrical resistance line constant wire | 8,5 Ω/km @ 20 °C |
| Electrical resistance coating wire (Data) | 14 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 4 kV |
| Power frequency withstand voltage (wire - jacket) | 4 kV |
| Min. operating temperature (static) | -25 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -20 °C |
| Operating temperature max. (dynamic) | 80 °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 | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |

| | |
|--------------------------|---------------------|
| Bending radius (dynamic) | 10 x Outer diameter |
| Travel speed (C-track) | 5 Mio. |
| Torsion stress | ± 15 °/m |