

**MQ15-X-Power male 0°/MQ15-X-Power fem. 0° shielded**

PUR 4x2,5+2x1,5 or UL/CSA+drag chain 1m

Male straight – female straight

MQ15, 6-pole

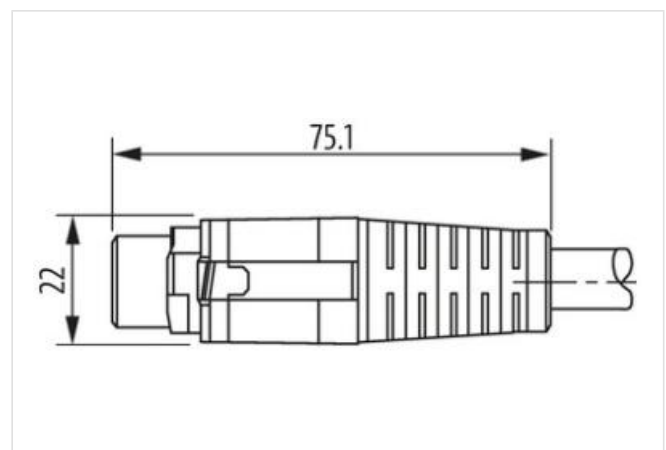
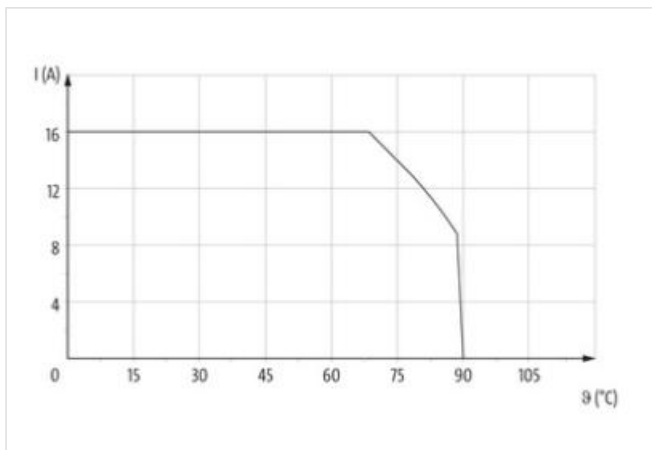
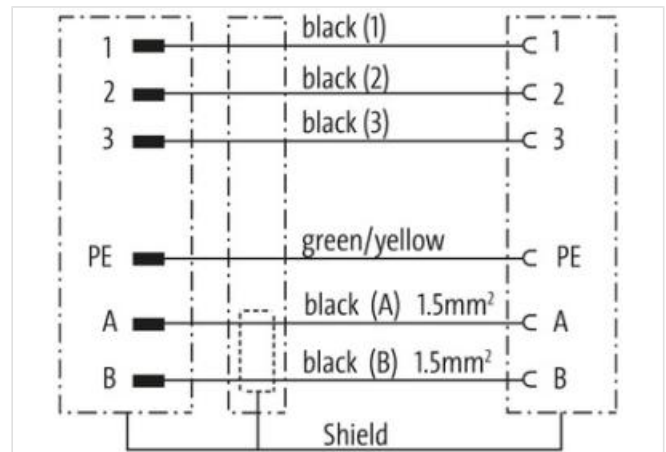
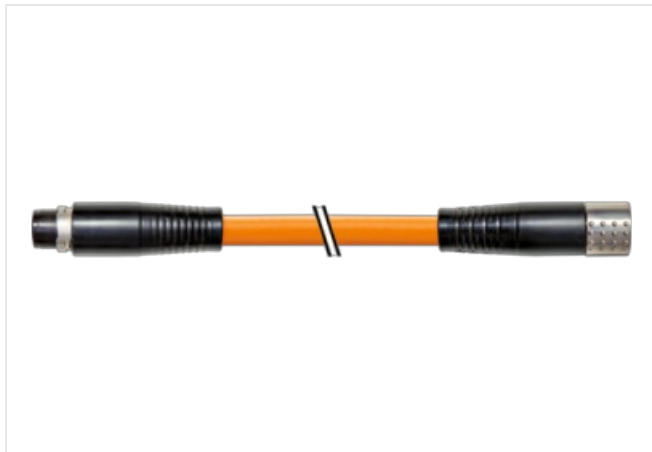
shielded

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                                 | 1 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                                       |                   |
| Mounting method                              | inserted, screwed |
| Coating contact                              | silver-plated     |
| Family construction form                     | MQ15              |
| Material contact                             | Copper alloy      |
| No. of poles                                 | 6                 |
| 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   | 4048879702157     |
| 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              |
| Operating current per power contact max.     | 16 A              |
| Operating current per signal contact max.    | 10 A              |
| Diagnostics                                  |                   |

Status indication LED no

#### Installation | Connection

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)  $\pm 5\%$   
 Material wire insulation TPE  
 Amount wires 4  
 Conductor crosssection (wire) 2,5 mm<sup>2</sup>  
 Material conductor wire Stranded copper wire, bare  
 Conductor type (wire) Strand class 5  
 Material wire insulation (Data) TPE  
 Amount wires (Data) 2  
 Conductor crosssection wire (Data) 1,5 mm<sup>2</sup>  
 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  $\Omega$ /km @ 20 °C  
 Electrical resistance coating wire (Data) 14  $\Omega$ /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   |