

**MQ15-X-Power male 0° shielded with cable**

PUR 4x2,5+2x1,5 or UL/CSA + draig chain 30m

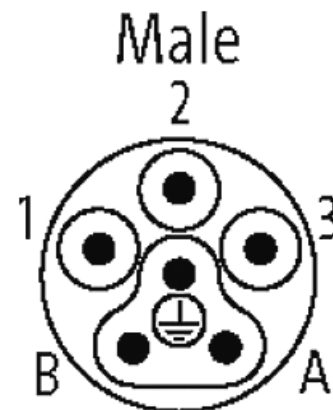
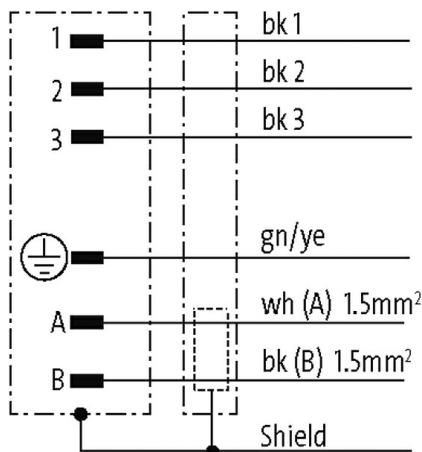
Male straight  
MQ15, 6-pole  
shielded

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

**Form**

Form P8301

**Technical Data**

|                               |   |
|-------------------------------|---|
| Operating voltage             | max. 600 V AC (Power); max. 63 V AC/DC (Signal) |
| Rated surge voltage           | 4.0 kV  |
| Operating current per contact | max. 16 A (Power); max. 10 A (Signal)           |
| No. of poles                  | 6   |
| LED display                   | no  |
| Locking of ports              | Quick connection, 1/4 turn                      |
| Protection                    | IP67 inserted and tightened (EN 60529)          |
| Material                      | Flame retardant plastic acc. to (UL 94)         |
| Mating cycles                 | ≥ 500   |
| Configuration                 | fully used                                      |
| Material group                | IEC 60664-1, category I                         |

**General data**

|                            |  |
|----------------------------|--|
| Mounting method            | inserted, tightened                      |
| Material (contact carrier) | PA                                       |
| Material (contact)         | Copper alloy                             |
| Material (contact surface) | Ag                                       |
| Stripping length (jacket)  | 30 mm                                    |
| Pollution Degree           | 3  |
| Temperature range          | -25...+80 °C, depending on cable quality |

**Cables**

|                               |  |
|-------------------------------|--|
| No./diameter of wires         | 4x 2.5 + 2x 1.5 mm <sup>2</sup>  |
| Wire isolation                | TPM (bk num, gnye)   |
| C-track properties            | 5 Mio.   |
| Jacket Color                  | orange   |
| Material (jacket)             | PUR (UL)   |
| Outer Ø                       | 12.8 mm ±5%  |
| Bend radius (moving)          | 10x outer Ø  |
| Temperature range (fixed)     | -25...+80 °C   |
| Temperature range (mobile)    | -20...+80 °C   |
| Cable identification          | P11  |
| Material (wire)               | Cu wire, bare  |
| Resistor (core)               | max. 14 Ω/km (1.5 mm <sup>2</sup> ), max. 8.5 Ω/km (2.5 mm <sup>2</sup> ); (20 °C) |
| Construction (core)           | multi-strand wire class 5 (EN 60228)   |
| Diameter (core)               | 4x 2.5 + 2x 1.5 mm <sup>2</sup>  |
| Material (wire isolation)     | TPM  |
| Color/numbering of wires      | bk numbered, gnye longitudinally striped   |
| Shield                        | yes  |
| Material (jacket)             | PUR  |
| Outer-Ø (jacket)              | 12.8 mm ±5%  |
| Color (jacket)                | orange   |
| thermal resistance            | flame retardant  |
| Nominal voltage               | 1000 V AC  |
| Test voltage                  | 4000 V   |
| Temperature range (fixed)     | -40...+80 °C   |
| Temperature range (mobile)    | -20...+80 °C   |
| Bend radius (fixed)           | 5x outer Ø   |
| Bend radius (moving)          | 10x outer Ø  |
| Traversing distance (C-track) | max. 5 m (horizontal)  |
| Travel speed (C-track)        | max. 3 m/s   |
| Acceleration (C-track)        | max. 5 m/s <sup>2</sup>  |
| Torsion stress                | ±15°/m   |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879738422 |
| eClass                | 27279221      |
| Packaging unit        | 1             |