

**MQ15-X-Power male 0° / MQ15-X-Power female 0°**

PUR 6x2,5 bk UL/CSA + drag chain 20,0m

Male straight – female straight

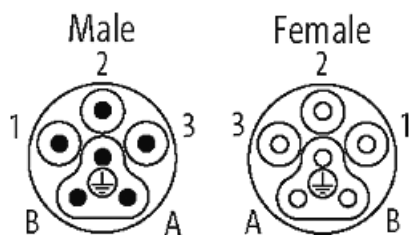
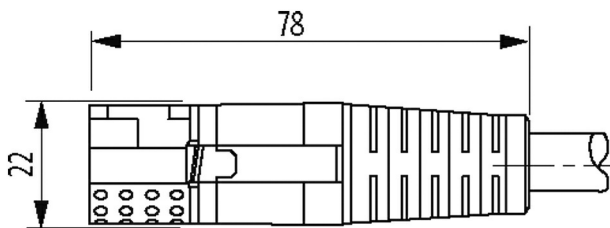
MQ15, 6-pole

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 P8141

**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)           |
| Material group                | IEC 60664-1, category I                         |
| No. of poles                  | 6   |

|                  |   |
|------------------|---|
| Configuration    | fully used                              |
| 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                                   |

**General data**

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

**Cables**

|                                    |  |
|------------------------------------|--|
| Cable number                       | P01                                      |
| No./diameter of wires              | 6× 2.5 mm <sup>2</sup>                   |
| Wire isolation                     | TPM (bk num, gnye)                       |
| C-track properties                 | 5 Mio.                                   |
| Jacket Color                       | black                                    |
| Material (jacket)                  | PUR (UL)                                 |
| Outer Ø                            | 11.1 mm ±5%                              |
| Bend radius (moving)               | 10× outer Ø                              |
| Temperature range (fixed)          | -40...+80 °C                             |
| Temperature range (mobile)         | -20...+60 °C                             |
| Cable identification               | P01                                      |
| Material (wire)                    | Cu wire, bare                            |
| Resistor (core)                    | max. 7.98 Ω/km (20 °C)                   |
| Diameter (core)                    | 6× 2.5 mm <sup>2</sup>                   |
| Material property (wire isolation) | halogen-free, LABS-free                  |
| Color/numbering of wires           | bk numbered, gnye longitudinally striped |
| Shield                             | no                                       |
| Material (jacket)                  | PUR                                      |
| Material property (jacket)         | halogen-free, LABS-free                  |
| Outer-Ø (jacket)                   | 11.1 mm ±5%                              |
| Color (jacket)                     | black                                    |
| Nominal voltage                    | 1000 V AC                                |
| Test voltage                       | 4000 V                                   |
| Temperature range (fixed)          | -40...+80 °C                             |
| Temperature range (mobile)         | -20...+60 °C                             |
| Bend radius (fixed)                | 5× outer Ø                               |
| Bend radius (moving)               | 10× 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                   | 4048879661126 |
| eClass                | 27279218      |
| Packaging unit        | 1             |