

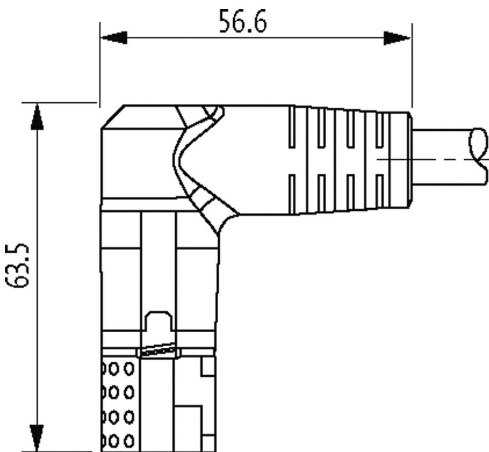
**MQ15-X-Power female 90° right, with cable**

PUR 6x2,5 bk UL/CSA + drag chain 30,0m

Female 90°  
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**



|    |              |
|----|--------------|
| 1  | black 1      |
| 2  | black 2      |
| 3  | black 3      |
| PE | green/yellow |
| A  | black 4      |
| B  | black 5      |

Product may differ from Image

**Form**

Form

P8131

**General data**

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

**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                                  |

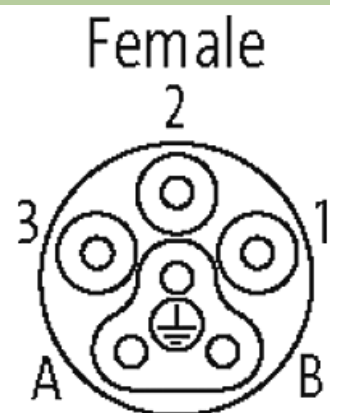
**Technical Data**

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| 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                                   |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879661522 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

**Sketch**

Product may differ from Image