

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

PVC 4x1,5 bk UL/CSA 2,0m

Male straight – female straight

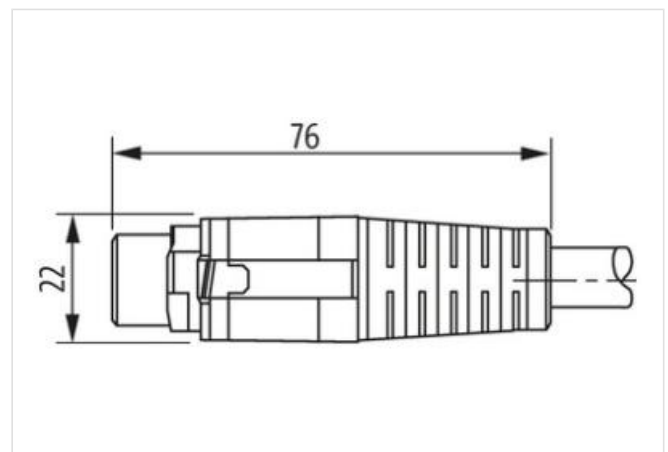
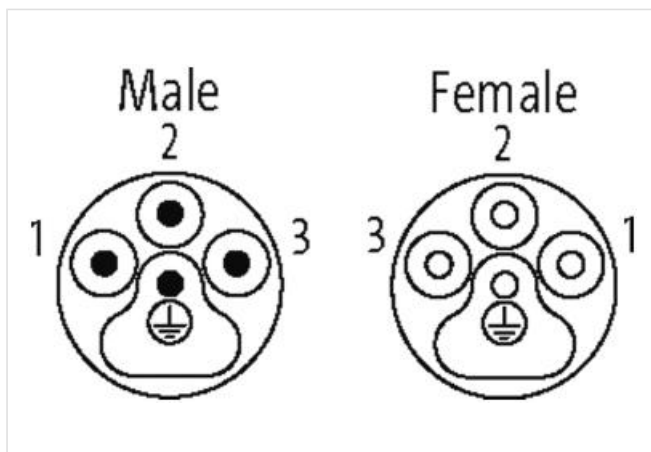
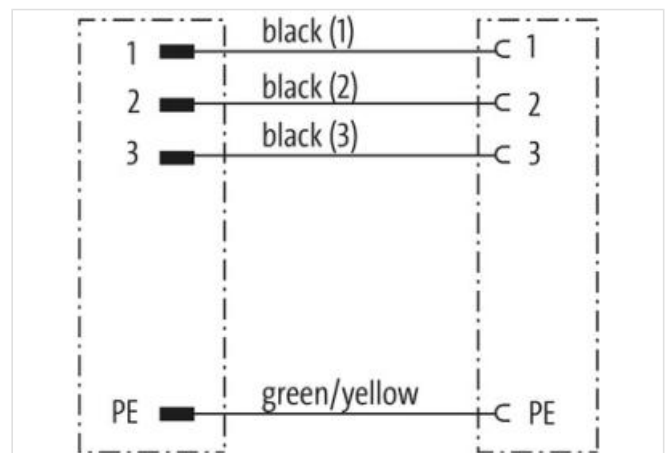
MQ15, 4-pole

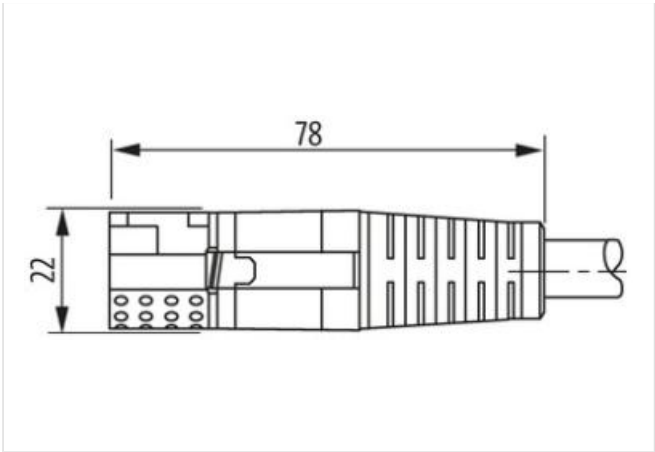
without cable sleeves

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

|                                    |                   |
|------------------------------------|-------------------|
| Cable length                       | 2 m               |
| Side 1                             |                   |
| Mounting method                    | inserted, screwed |
| Coating contact                    | silver-plated     |
| Family construction form           | MQ15              |
| Material contact                   | Copper alloy      |
| No. of poles                       | 4                 |
| Side 2                             |                   |
| Mounting method                    | inserted, screwed |
| Coating contact                    | silver-plated     |
| Family construction form           | MQ15              |
| Material contact                   | Copper alloy      |
| No. of poles                       | 4                 |
| Commercial data                    |                   |
| ECLASS-6.0                         | 27279218          |
| ECLASS-6.1                         | 27279218          |
| ECLASS-7.0                         | 27279218          |
| ECLASS-8.0                         | 27279218          |
| ECLASS-9.0                         | 27060327          |
| ECLASS-10.1                        | 27060311          |
| ECLASS-11.1                        | 27060311          |
| ECLASS-12.0                        | 27060327          |
| ETIM-5.0                           | EC001576          |
| customs tariff number              | 85444290          |
| GTIN                               | 4048879707107     |
| Packaging unit                     | 1                 |
| Electrical data   Supply           |                   |
| Operating voltage AC max.          | 600 V             |
| Current operating per contact max. | 13 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                                    | P22  |
| Jacket Color  | black  |
| wire arrangement  | black 1, black 2, black 3, green-yellow              |
| Material jacket   | PVC  |
| Outer-diameter (jacket)                                 | 7,4 mm   |
| Tolerance outer diameter (sheath)                       | ± 5 %  |
| Material wire insulation                                | PP   |
| Amount wires  | 4  |
| Conductor crosssection (wire)                           | 1,5 mm <sup>2</sup>                                  |
| Material conductor wire                                 | Stranded copper wire, bare                           |
| Electrical resistance line constant wire                | 13,3 Ω/km @ 20 °C                                    |
| Nominal voltage power AC max.                           | 1000 V   |
| Power frequency withstand voltage power (wire - jacket) | 4 kV   |
| AC withstand voltage power (wire - wire)                | 4 kV   |
| Min. operating temperature (static)                     | -20 °C   |
| Max. operating temperature (fixed)                      | 80 °C  |
| Operating temperature min. (dynamic)                    | -5 °C  |
| Operating temperature max. (dynamic)                    | 80 °C  |
| Flame resistance  | IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  |
| 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)                                | 15 x Outer diameter                                  |