

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

PUR 4x2,5+2x1,5 shielded or UL/CSA+drag chain 5.5m

Male straight – female straight

MQ15, 6-pole

shielded

without cable sleeves

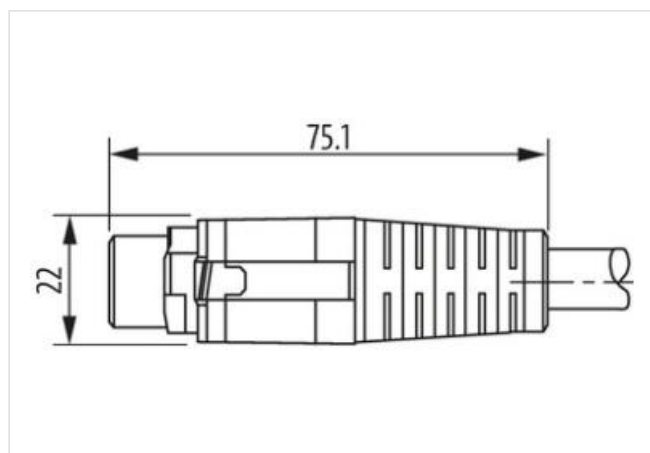
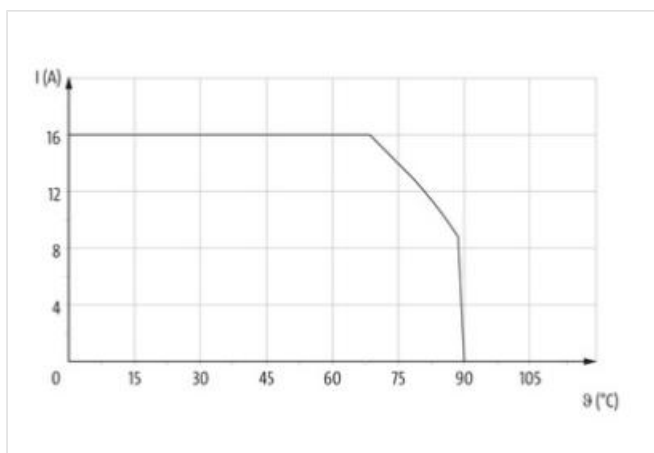
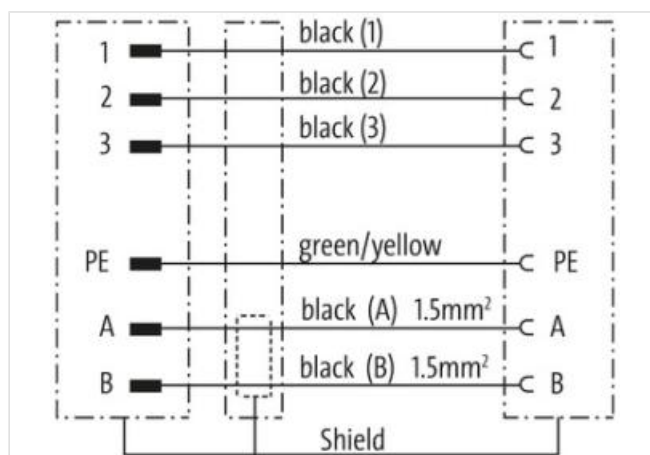
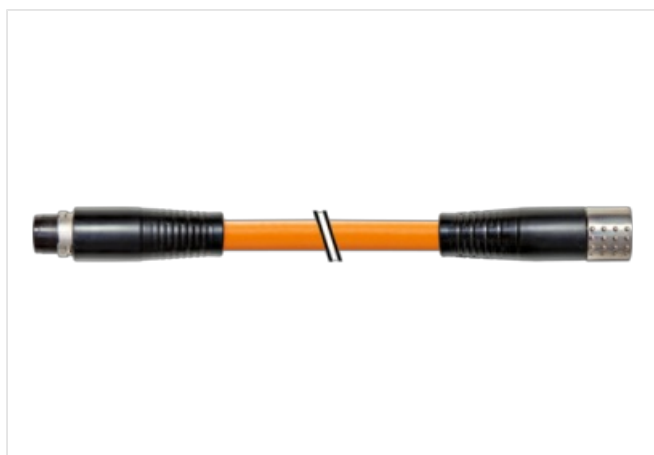
Plastic housings with good resistance against chemicals and oils.

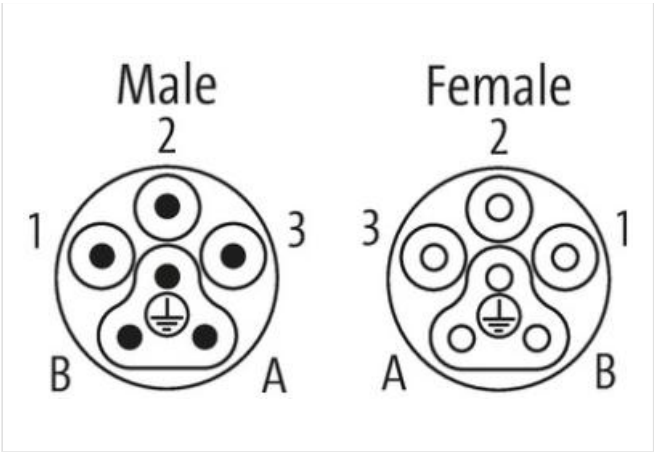
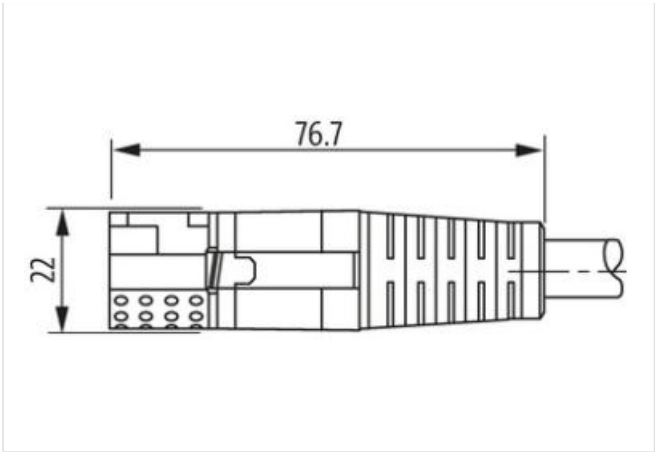
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

## 제품 링크

### 일러스트





실제 제품은 이미지와 다를 수 있습니다.



|                                              |                   |
|----------------------------------------------|-------------------|
| Cable length                                 | 5,5 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                 |
| 제품자료                                         |                   |
| ECLASS-6.0                                   | 27279221          |
| 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          |
| GTIN                                         | 4065909091456     |
| 세번부호                                         | 85444290          |
| 포장단위                                         | 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                                                                                                                            |
| Important installation notes              |                                                                                                                                                       |
| Note on strain relief                     | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |
| Note on bending radius                    | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Installation   Cable                      |                                                                                                                                                       |
| wire arrangement                          | (black 1, black 2, black 3), (green-yellow, white, black)                                                                                             |
| 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)         | ± 5 %                                                                                                                                                 |
| Material wire insulation                  | TPE                                                                                                                                                   |
| Amount wires                              | 4                                                                                                                                                     |
| Conductor crosssection (wire)             | 2,5 mm²                                                                                                                                               |
| 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 mm²                                                                                                                                               |
| 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 Ω/km @ 20 °C                                                                                                                                      |
| Electrical resistance coating wire (Data) | 14 Ω/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                                  |
| No. of bending cycles (C-track)                   | 5 Mio.                                               |
| Travel speed (C-track)                            | 3 m/s                                                |
| Torsion stress                                    | ± 15 °/m                                             |