

## MQ15-X- Power male receptacle front mount

PVC 6x2,5 UL/CSA 0,25m

Flange male

MQ15, 6-pole

with multi-strand wire

Front mounting

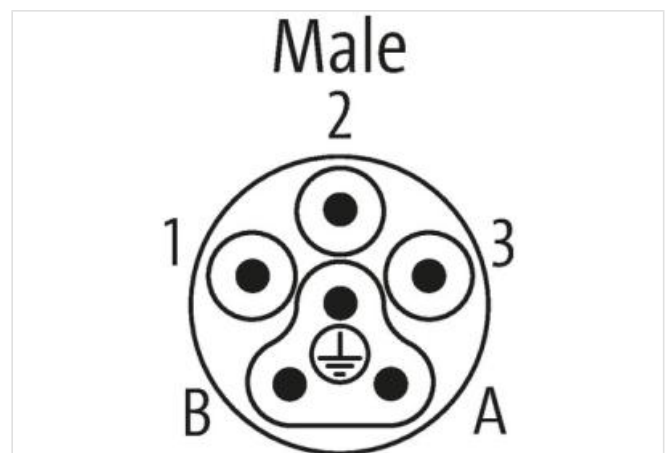
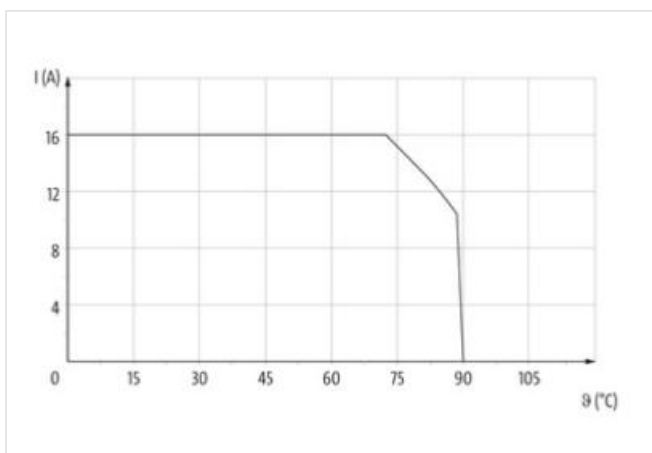
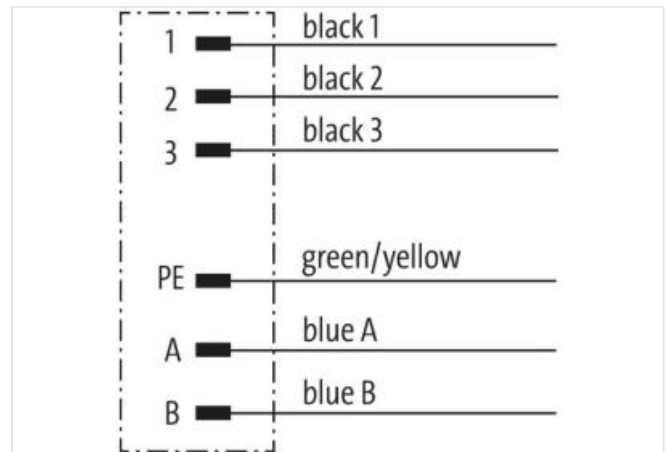
Plastic housings with good resistance against chemicals and oils.

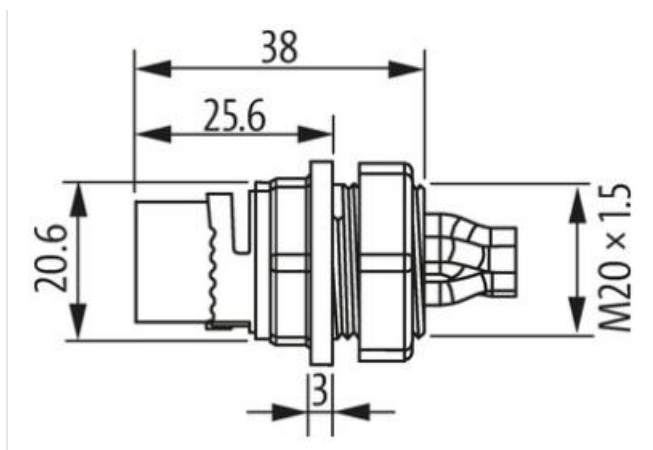
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

### [Länk till produkt](#)

#### Illustration





Produkten kan skilja sig från bilden



Cable length 0,25 m

#### Side 1

|                          |                   |
|--------------------------|-------------------|
| Mounting method          | inserted, screwed |
| Coating contact          | silver-plated     |
| Family construction form | MQ15              |
| Material contact         | Copper alloy      |
| No. of poles             | 6                 |

#### Kommersiella uppgifter

|                    |               |
|--------------------|---------------|
| ECLASS-6.0         | 27279220      |
| ECLASS-6.1         | 27279220      |
| ECLASS-7.0         | 27440103      |
| ECLASS-8.0         | 27440103      |
| ECLASS-9.0         | 27440103      |
| ECLASS-10.1        | 27440103      |
| ECLASS-11.1        | 27440103      |
| ECLASS-12.0        | 27440103      |
| ETIM-5.0           | EC002061      |
| Förpackningsenhet  | 1             |
| GTIN               | 4048879590853 |
| Kundens tullnummer | 85444290      |

#### 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                                                                                                                                                  |
| Protection NEMA                                   | 3, 4, 6P                                                                                                                                              |
| Additional condition protection degree            | inserted, screwed                                                                                                                                     |
| Pollution Degree                                  | 3                                                                                                                                                     |
| Rated surge voltage                               | 2,5 kV                                                                                                                                                |
| Material group (IEC 60664-1)                      | I                                                                                                                                                     |
| Mechanical data   Material data                   |                                                                                                                                                       |
| Coating housing                                   | nickel plated                                                                                                                                         |
| Material housing                                  | Brass                                                                                                                                                 |
| Material contact carrier                          | PA                                                                                                                                                    |
| Mechanical data   Mounting data                   |                                                                                                                                                       |
| Looking techniques                                | bayonet-locking                                                                                                                                       |
| Environmental characteristics   Climatic          |                                                                                                                                                       |
| Operating temperature min.                        | -40 °C                                                                                                                                                |
| Operating temperature max.                        | 70 °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. |
| Approvals                                         |                                                                                                                                                       |
| UL 50E                                            | yes                                                                                                                                                   |
| Resistances   Cable                               |                                                                                                                                                       |
| Cable identification                              | P80                                                                                                                                                   |
| wire arrangement                                  | black 1, black 2, black 3, green-yellow, blue, blue                                                                                                   |
| Material wire insulation                          | PVC                                                                                                                                                   |
| Amount wires                                      | 6                                                                                                                                                     |
| Outer diameter insulation                         | 3,7 mm                                                                                                                                                |
| Outer diameter tolerance core insulation          | ± 5 %                                                                                                                                                 |
| Conductor crossection (wire)                      | 2,5 mm <sup>2</sup>                                                                                                                                   |
| Material conductor wire                           | copper stranded wire, tinned                                                                                                                          |
| Conductor type (wire)                             | Strand class 5                                                                                                                                        |
| Nominal voltage AC max.                           | 600 V                                                                                                                                                 |
| AC withstand voltage (wire - wire)                | 2,5 kV                                                                                                                                                |
| Power frequency withstand voltage (wire - jacket) | 2,5 kV                                                                                                                                                |
| Flame resistance                                  | UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090                                                                                                   |
| chemical resistance                               | Good, application-related testing                                                                                                                     |
| Gasoline resistance                               | Good, application-related testing                                                                                                                     |
| Oil resistance                                    | Good, application-related testing   DIN EN 60811-404                                                                                                  |