

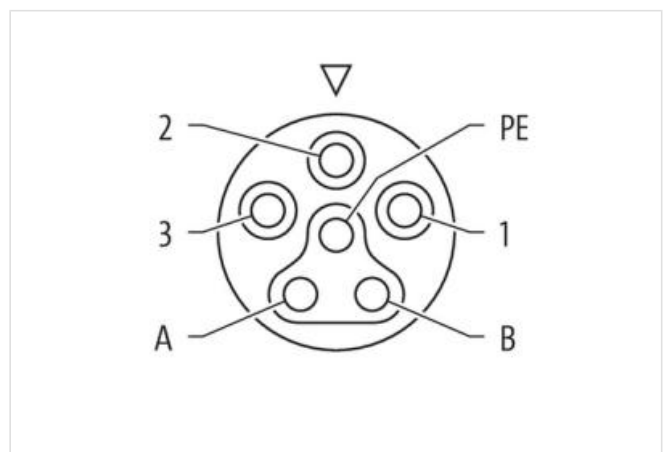
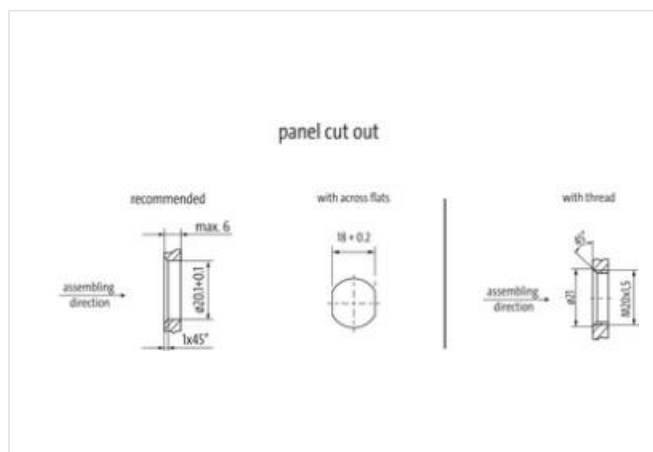
**MQ15 female recept. front 600V AC type 3**

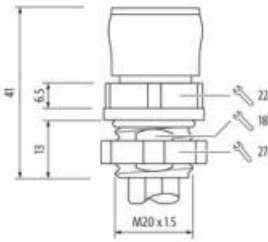
PE-X-wires 6x2.5 UL 1m

Flange female  
 MQ15, 6-pole  
 bayonet connector/bayonet lock  
 with multi-strand wire  
 Front mounting  
 Fastening nut included in the delivery  
 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  | BK 1  |
| 2  | BK 2  |
| 3  | BK 3  |
| PE | GN YE |
| A  | BU A  |
| B  | BU B  |





Product may differ from Image



|                                              |                  |
|----------------------------------------------|------------------|
| Cable length                                 | 1 m              |
| Side 1                                       |                  |
| Mounting method                              | inserted, locked |
| Coating contact                              | silver-plated    |
| Family construction form                     | MQ15             |
| Coding                                       | Type 3           |
| Material contact                             | Copper alloy     |
| No. of poles                                 | 6                |
| Degree of protection (EN IEC 60529)          | IP65, IP67       |
| Commercial data                              |                  |
| ECLASS-6.0                                   | 27279218         |
| ECLASS-6.1                                   | 27279218         |
| ECLASS-7.0                                   | 27279218         |
| ECLASS-8.0                                   | 27279218         |
| ECLASS-9.0                                   | 27060311         |
| ECLASS-10.1                                  | 27060311         |
| ECLASS-11.1                                  | 27060311         |
| ECLASS-12.0                                  | 27060311         |
| ETIM-5.0                                     | EC001855         |
| customs tariff number                        | 85444290         |
| GTIN                                         | 4065909092279    |
| Packaging unit                               | 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   Pin assignment                |                  |
| Configuration                                | fully used       |

| Device protection   Electrical                    |                                                                                                                                                       |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Degree of protection (EN IEC 60529)               | IP65, IP67                                                                                                                                            |
| Additional condition protection degree            | inserted, locked                                                                                                                                      |
| Pollution Degree                                  | 3                                                                                                                                                     |
| Rated surge voltage power contacts                | 6 kV                                                                                                                                                  |
| Rated surge voltage signal contacts               | 1,5 kV                                                                                                                                                |
| Material group (IEC 60664-1)                      | I                                                                                                                                                     |
| Mechanical data   Material data                   |                                                                                                                                                       |
| Material housing                                  | PA                                                                                                                                                    |
| Material contact carrier                          | PA                                                                                                                                                    |
| Mechanical data   Mounting data                   |                                                                                                                                                       |
| Looking techniques                                | bayonet-locking                                                                                                                                       |
| Environmental characteristics   Climatic          |                                                                                                                                                       |
| Operating temperature min.                        | -30 °C                                                                                                                                                |
| Operating temperature max.                        | 85 °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. |
| Conformity                                        |                                                                                                                                                       |
| Product standard                                  | IEC 61076-2-116                                                                                                                                       |
| Resistances   Cable                               |                                                                                                                                                       |
| wire arrangement                                  | black 1, black 2, black 3, blue A, blue B, green-yellow                                                                                               |
| Cable identification                              | P96                                                                                                                                                   |
| wire arrangement                                  | black 1, black 2, black 3, blue A, blue B, green-yellow                                                                                               |
| Material wire insulation                          | PE-X                                                                                                                                                  |
| Amount wires                                      | 6                                                                                                                                                     |
| Outer diameter insulation                         | 2,9 mm                                                                                                                                                |
| Outer diameter tolerance core insulation          | ± 5 %                                                                                                                                                 |
| Conductor crosssection (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)                | 6 kV                                                                                                                                                  |
| Power frequency withstand voltage (wire - jacket) | 6 kV                                                                                                                                                  |
| Min. operating temperature (static)               | -40 °C                                                                                                                                                |
| Max. operating temperature (fixed)                | 105 °C                                                                                                                                                |
| Operating temperature min. (dynamic)              | -20 °C                                                                                                                                                |
| Operating temperature max. (dynamic)              | 105 °C                                                                                                                                                |
| Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1100 FT2   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                                                                                                  |