

MQ15 male recept. front 600V AC type 3

PE-X-wires 6x1.5 UL 1m

Flange male

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.

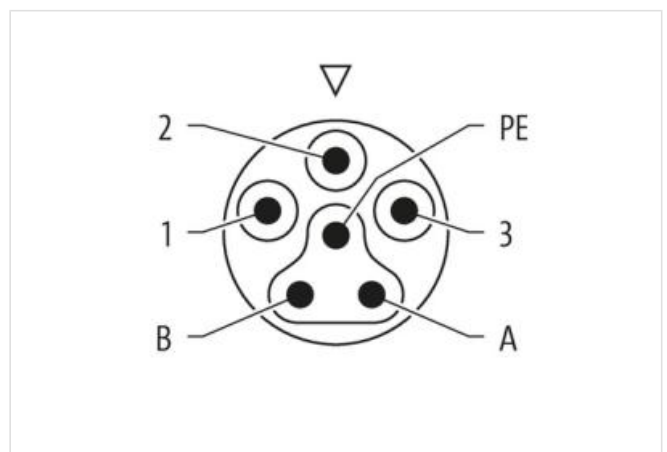
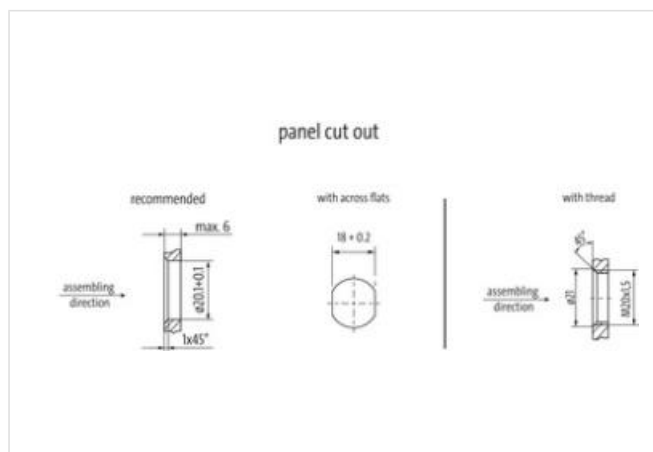
Further cable lengths on request.

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

The information in this Product-PDF has been compiled with the utmost care.

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.de | shop.murrelektronik.de

| 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 | 4065909092521 |
| 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. | 13 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 | 1,5 kV |
| Rated surge voltage power contacts | 6 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

Attention: 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 | |
| Cable identification | P95 |
| 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 | 2,35 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Conductor crossection (wire) | 1,5 mm² |
| 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 | UL 1581 § 1100 FT2 UL 1581 § 1090 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 |