

MQ15 male recept. front 600V AC type 3

PE-X-wires 6x1.5 UL 0.50m

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.

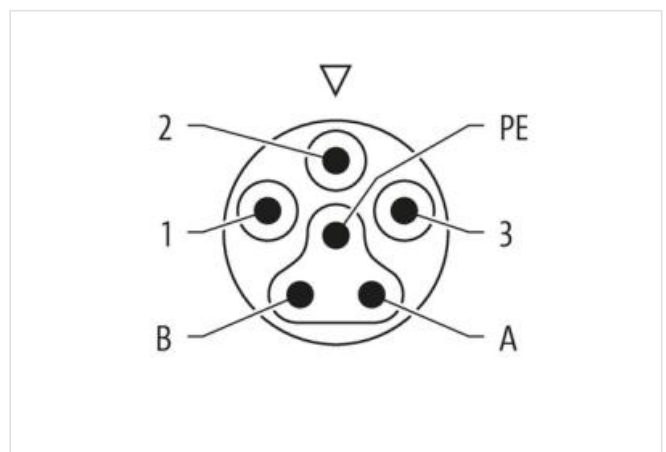
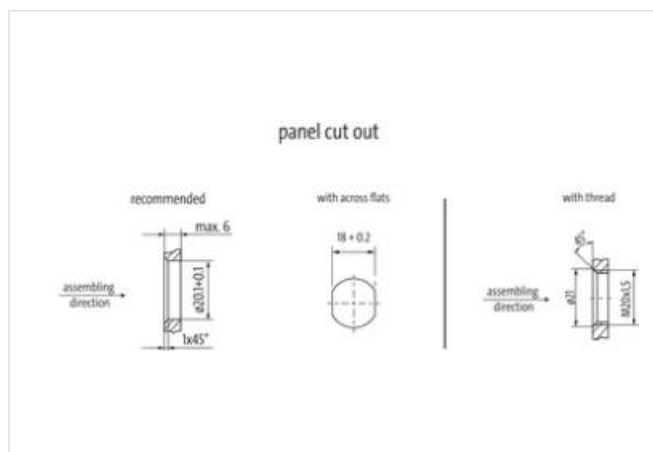
Further cable lengths on request.

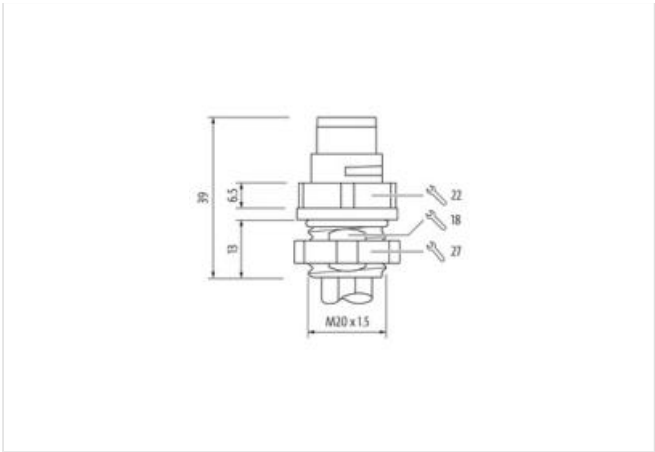
Link to Product

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	0,5 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	4065909092514
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
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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
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Resistances | Cable

wire arrangement	black 1, black 2, black 3, blue A, blue B, green-yellow
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 crosssection (wire)	1,5 mm ²
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