

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

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

Male straight – female straight

MQ15, 6-pole

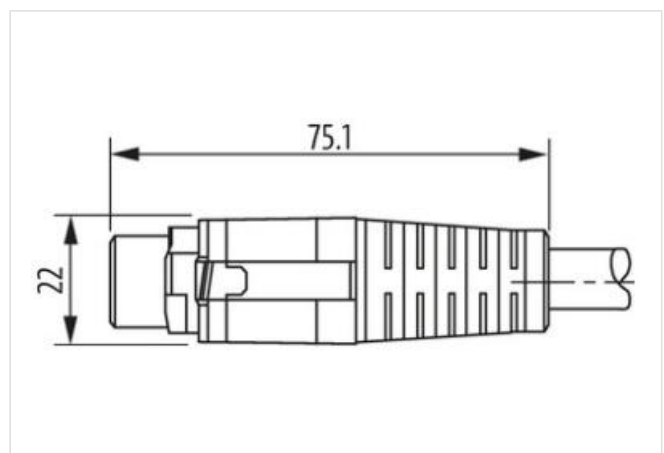
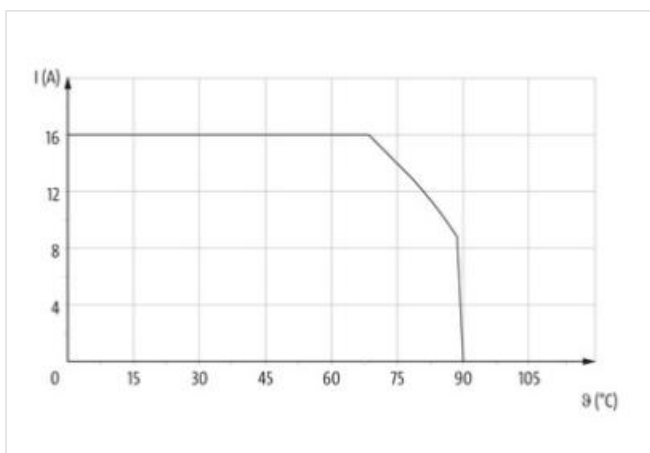
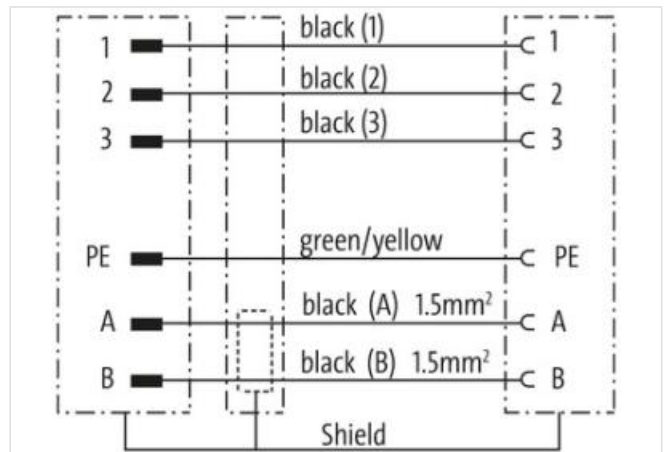
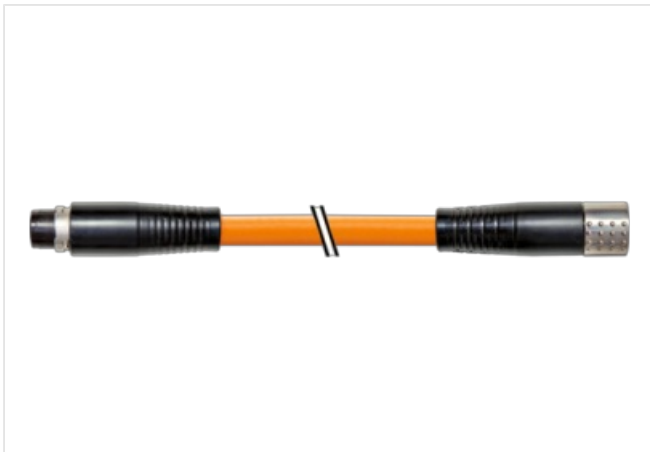
shielded

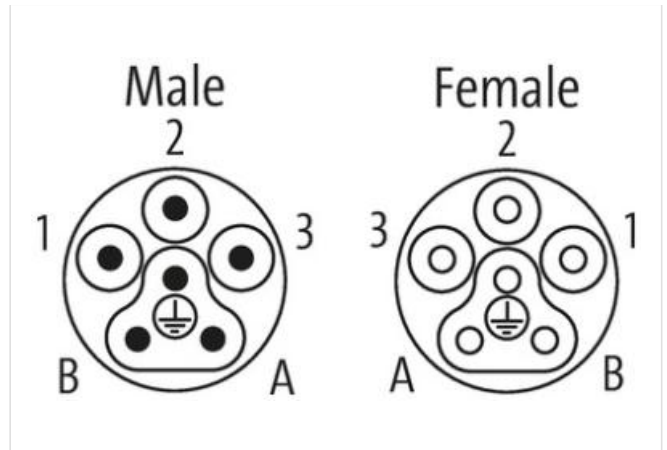
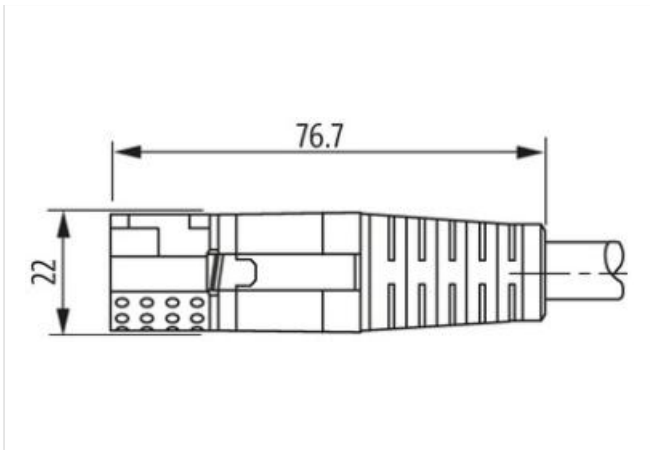
without cable sleeves

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.

[Link to Product](#)**Illustration**



Product may differ from Image



Cable length 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

Commercial data

ECLASS-6.0	27279221
ECLASS-7.0	27440104
ECLASS-8.0	27440104
ECLASS-9.0	27440102
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001576
customs tariff number	85444290
GTIN	4048879702188
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

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: 2024-06-21

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 **Attention:** 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