

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

PUR 4x2,5+2x1,5 or UL/CSA+drag chain 1m

Male straight – female straight MQ15, 6-pole shielded

without cable sleeves

Plastic housings with good resistance against chemicals and oils.

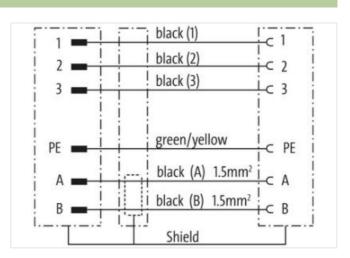
The resistance to aggressive media should be individually tested for your application. Further details on request.

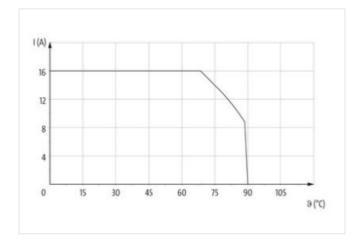
Further cable lengths on request.

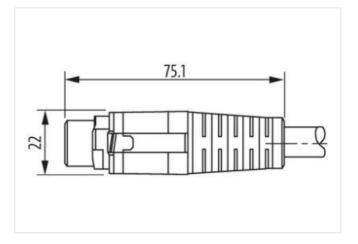
Link to Product

Illustration



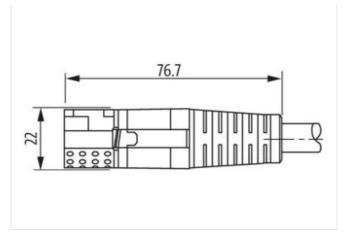


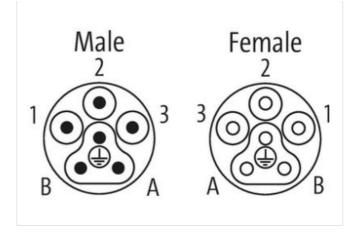






stay connected





Product may differ from Image



Cable length	1 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	4048879702157
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	



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Installation Pin assignment Configuration for Infully used Degrees of protection Electrical Degrees of protection E	Status indication LED	no
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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 ovincutor type (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) Stranded copper wire, bare	Cable identification	P11
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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) Stranded copper wire, bare Wire conductor wire (Data) Stranded copper wire, bare Wire 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 Electrical resistance coating wire (Data) 4 kV Power frequency withstand voltage (wire -	Cable shielding (type)	copper braiding, bare
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 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 -	Cable shielding (coverage)	80 %
Duter-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) Material conductor wire (Data) Stranded copper wire, bare Wire conductor vire (Data) Stranded copper wire, bare Wire conductor vire (Data) Stranded copper wire, bare Wire conductor type (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 -	wire arrangement	(black 1, black 2, black 3), (green-yellow, white, black)
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 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 -	Material jacket	PUR
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) Stranded copper wire, bare Wire conductor type (Data) Strand class 5 Nominal voltage AC max. 1000 V Electrical resistance line constant wire 8,5 \(\Omega/\text{km} \text{ @ 20 °C}\) Electrical resistance coating wire (Data) 14 \(\Omega/\text{km} \text{ @ 20 °C}\) AC withstand voltage (wire - wire) 4 kV Power frequency withstand voltage (wire -	Outer-diameter (jacket)	12,8 mm
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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) Conductor crosssection wire (Data) Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (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 \(\Omega/km\) @ 20 °C Electrical resistance coating wire (Data) 14 \(\Omega/km\) @ 20 °C AC withstand voltage (wire - wire) 4 kV Power frequency withstand voltage (wire -	Material wire insulation	TPE
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 -	Amount wires	4
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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 -	Amount wires (Data)	
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 -	Conductor crosssection wire (Data)	· · · · · · · · · · · · · · · · · · ·
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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 -	Wire conductor type (Data)	
Electrical resistance coating wire (Data) 14 Ω/km @ 20 °C AC withstand voltage (wire - wire) 4 kV Power frequency withstand voltage (wire - 4 kV	Nominal voltage AC max.	
AC withstand voltage (wire - wire) 4 kV Power frequency withstand voltage (wire - 4 kV	Electrical resistance line constant wire	
Power frequency withstand voltage (wire -	Electrical resistance coating wire (Data)	
	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