

**MQ15-X-Power female 270° shielded with cable**

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

MQ15, 6-pole

Female angled, contact carrier 270° turned shielded

without cable sleeves

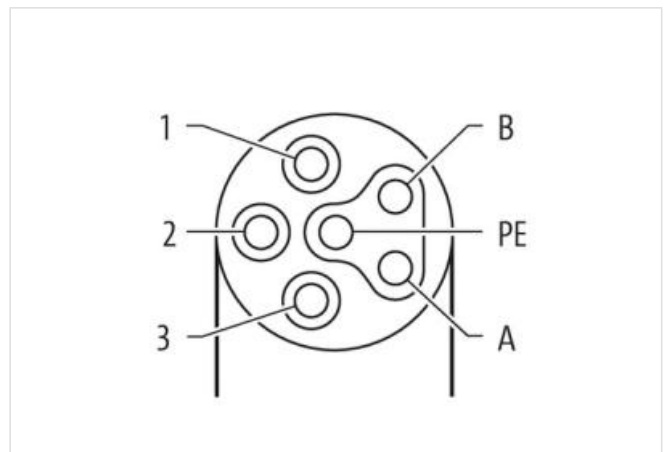
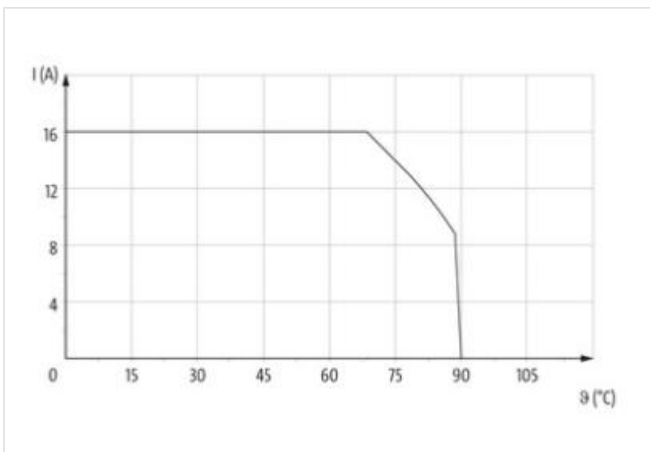
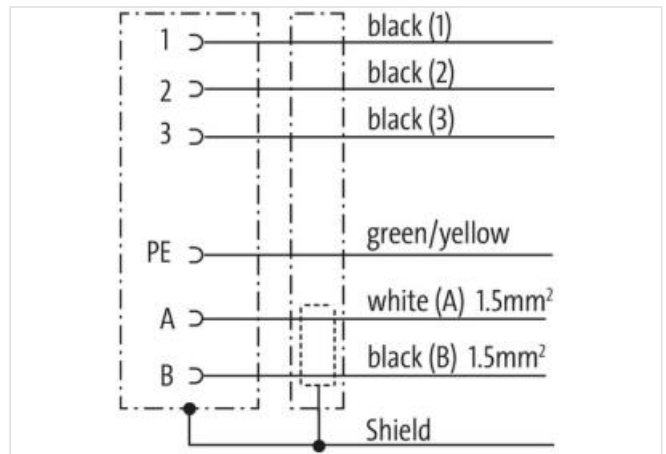
Plastic housings with good resistance against chemicals and oils.

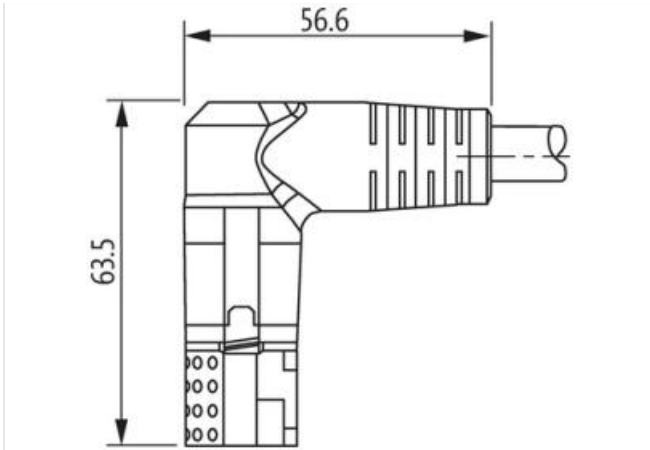
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

**제품 링크**

**일러스트**





실제 제품은 이미지와 다를 수 있습니다.



Cable length 2 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**

Stripping length (jacket) 30 mm

**제품자료**

ECLASS-6.0 27279221  
 ECLASS-6.1 27279218  
 ECLASS-7.0 27279218  
 ECLASS-8.0 27279218  
 ECLASS-9.0 27060327  
 ECLASS-10.1 27060311  
 ECLASS-11.1 27060311  
 ECLASS-12.0 27060327  
 ETIM-5.0 EC001576  
 GTIN 4048879701778  
 세번부호 85444290  
 포장단위 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 | Connection**

Stripping length (jacket)	30 mm
Mating cycles min.	500

**Installation | Pin assignment**

Configuration	fully used
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**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
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**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	<b>Attention:</b> 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 mm <sup>2</sup>
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 mm <sup>2</sup>
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