

MQ15-X-Power female 0° with cable

PVC 4x2,5 bk UL/CSA 30,0m

Female straight

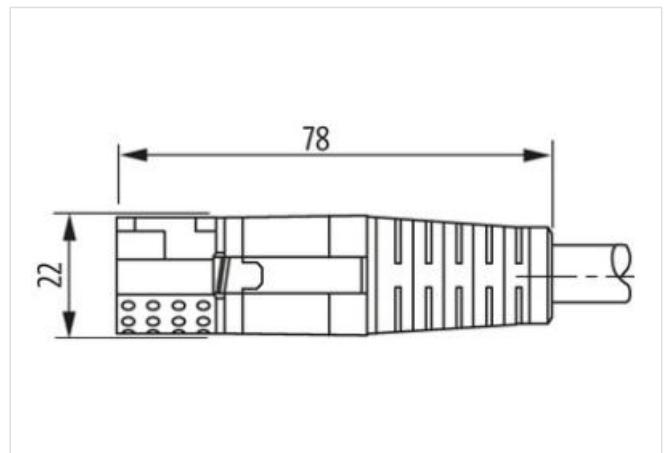
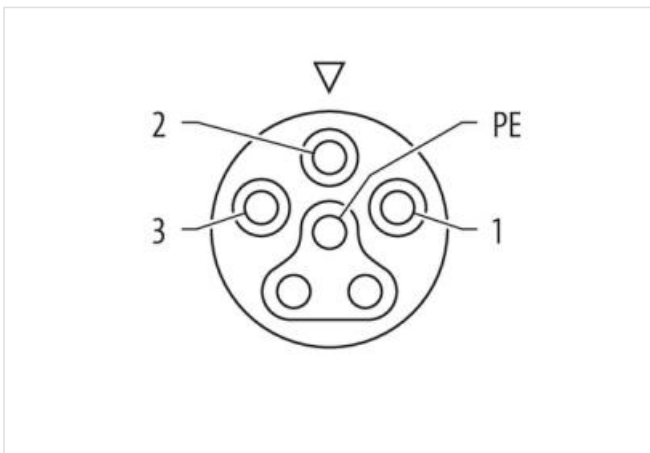
MQ15, 4-pole

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 30 m

Side 1

Mounting method inserted, screwed

Coating contact silver-plated

Family construction form MQ15

Material contact Copper alloy

No. of poles 4

Side 2

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: 2024-06-25

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Stripping length (jacket) 30 mm

Commercial data

ECLASS-6.0	27279218
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
customs tariff number	85444290
GTIN	4048879708548
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	600 V
Current operating per contact max.	16 A

Diagnostics

Status indication LED	no
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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	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
Cable identification	P23
Jacket Color	black
wire arrangement	black 1, black 2, black 3, green-yellow
Material jacket	PVC

Outer-diameter (jacket)	9,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
Conductor crosssection (wire)	2,5 mm ²
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	1000 V
Electrical resistance line constant wire	8 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	4 kV
Power frequency withstand voltage (wire - jacket)	4 kV
Min. operating temperature (static)	-20 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter