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

PUR 4x2,5+2x1,5 shielded or UL/CSA+drag ch. 20m

Art.No.: 7000-P8331-P112000
Weight: 6.66
Country of origin: DE
Model designation: MSWDQ3L0-P11_20.0

Advantages of our MQ15 connectors:

Our MQ15 connectors are ideal for supplying power to your drives and are specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are silver-plated, which ensures very good conductivity. Thanks to their high degree of protection, they are ideal for demanding industrial environments. They are also vibration-resistant, which is ensured by the vibration-proof bayonet lock.

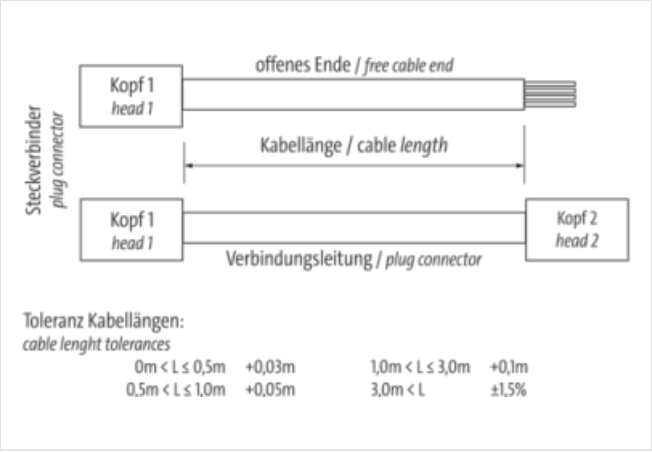
Our connectors are resistant to oils and cooling lubricants. However, resistance to aggressive media should be tested for the specific application. Different cable lengths are available on request.

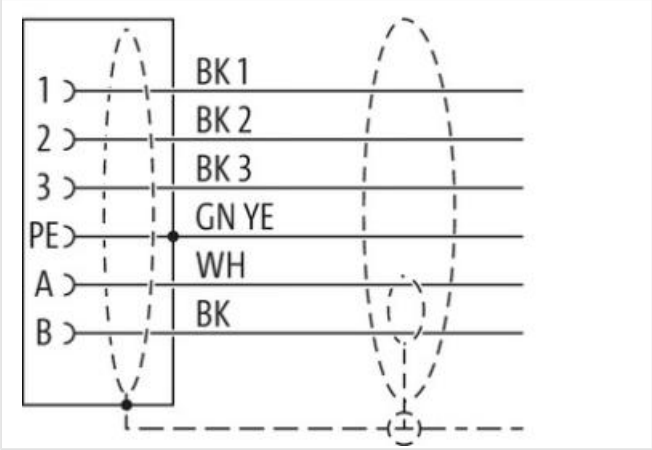
Are you missing technical information? Feel free to use our dictionary and other technical details.

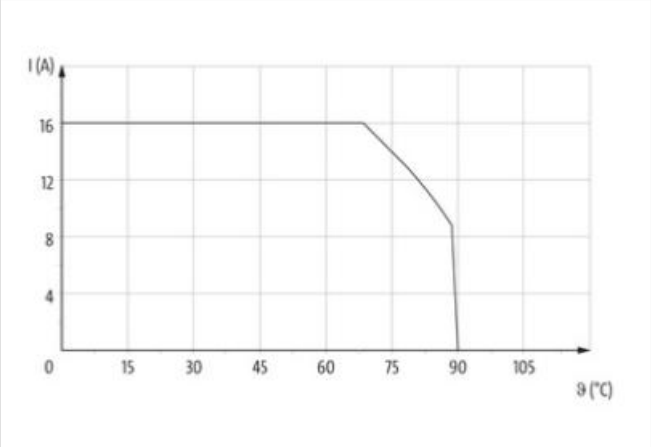
Product details:
MQ15, 6-pole
Female angled, contact carrier 270° turned
shielded
without cable sleeves
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

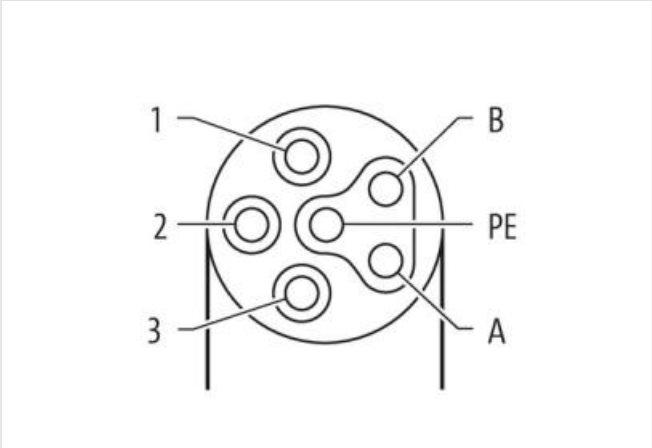
Link to Product

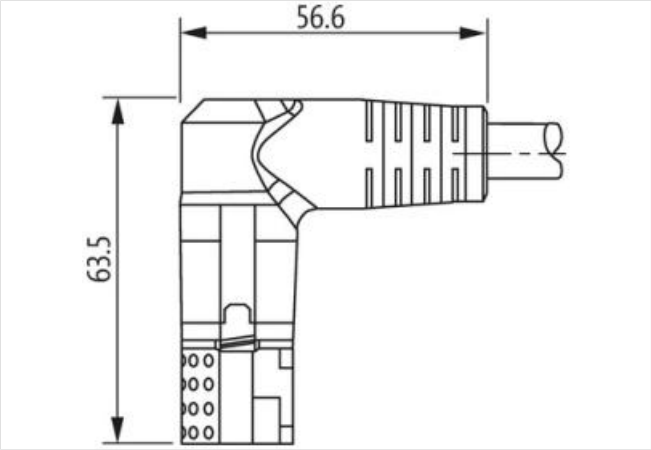
Illustration











Product may differ from Image

LISTED
Power Cable Assembly
E492831

Cable length	20 m
Side 1	
Mounting method	inserted, screwed
Coating contact	silver-plated
Family construction form	MQ15
Gender	female
Cable outlet	angled
Coding	Type 3
Material contact	Copper alloy
No. of poles	6
Side 2	
Stripping length (jacket)	30 mm
Family construction form	free cable end
Commercial data	
ECLASS-6.0	27279221
ECLASS-6.1	27279218
ECLASS-7.0	27279218

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stay connected

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
EAN	4048879710237
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	
Status indication LED	no
Installation | Connection	
Stripping length (jacket)	30 mm
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	6 kV
Material group (IEC 60664-1)	I
Mechanical data | Material data	
Material housing	Plastic
Combustibility class housing (UL94)	HB
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.
Conformity	
Product standard	DIN EN 61076-2-116
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 %

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stay connected

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