

MQ12 female 0° A-cod. with cable

PUR 5x0.34 bk UL/CSA+drag ch. 40m

Female straight MQ12, 5-pole with cable sleeves

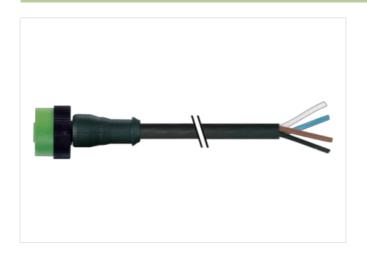
Further cable lengths on request.

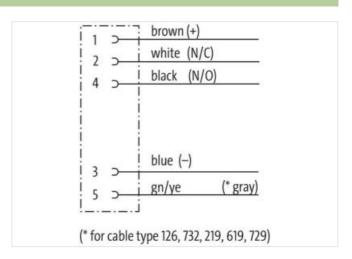
Plastic housings with good resistance against chemicals and oils.

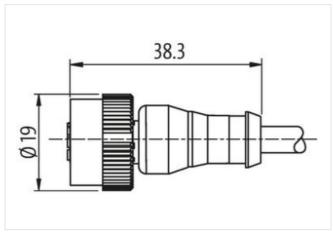
The resistance to aggressive media should be individually tested for your application. Further details on request.

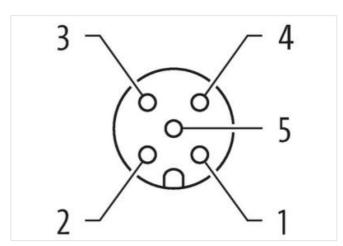
Link to Product

Illustration









Product may differ from Image





Cable length	40 m
Side 1	
Family construction form	MQ12
Coding	A



Degree of protection (EN IEC 60529) IP67	No. of poles	5
Stripping length (jacket) 20 mm	Degree of protection (EN IEC 60529)	IP67
ECLASS 6.0 27279218 ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27060311 ECLASS 1.0 27060311 ECLASS 1.1 27060311 ECLASS 1.1 27060311 ECLASS 1.2 27060311 ECLAS 1.2 27060311	Side 2	
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Mounting method inserted, screwed Looking techniques bayonet-locking Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C	Material group (IEC 60664-1)	II
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Operating temperature min25 °C Operating temperature max. 85 °C		, ,
Operating temperature max. 85 °C		75 °C
riaditional condition temperature range appending on cable quality		
In a subset in a building a short		acpointing 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 strain relief	
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.	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	Installation Cable	
Cable identification 732	Cable identification	732
Cable Type 3	Cable Type	3
Jacket Color black	Jacket Color	black
Type of Certificate cURus	Type of Certificate	cURus
Amount stranding 1	Amount stranding	1
Stranding 5 wires around Core filler twisted	Stranding	5 wires around Core filler twisted

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: 2024-05-18



stay connected

Filler	yes
wire arrangement	brown, black, blue, white, gray
Cable weigth	41,8 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,8 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min