

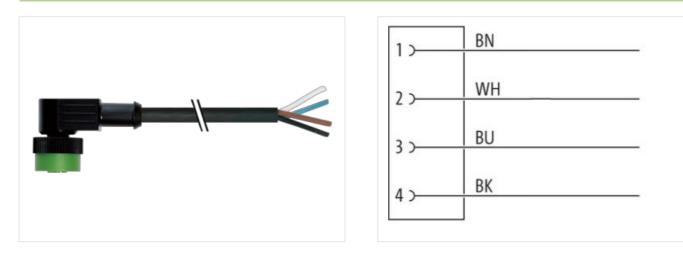
## MQ12 female 90° A-cod. with cable

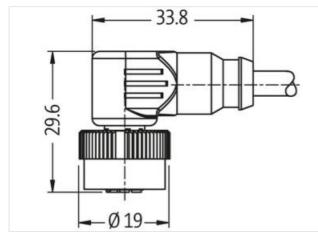
PVC 4x0.34 bk UL/CSA 3m

Female 90° MQ12, 4-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







3 4

Product may differ from Image

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Side 1		
Family construction form	MQ12	
Degree of protection (EN IEC 60529)	IP65, IP67	

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Commercial data			
ECLASS-6.0	27279218		
ECLASS-7.0	27279218		
ECLASS-8.0	27279218		
ECLASS-9.0	27060311		
ECLASS-10.1	27060311		
ECLASS-10.1	27060311		
ECLASS-12.0	27060311		
ETIM-5.0	EC001855		
customs tariff number	85444290		
GTIN	4048879107020		
Packaging unit	1		
Electrical data   Supply			
Operating voltage AC max.	250 V		
Operating voltage DC max.	250 V		
Operating voltage AC (UL-listed)	30 V 30 V		
Operating voltage DC (UL-listed)			
Current operating per contact max.	4 A		
Device protection   Electrical			
Additional condition protection degree	inserted, screwed		
Mechanical data   Mounting data			
Mounting method	inserted, screwed		
Looking techniques	bayonet-locking		
Environmental characteristics   Climatic			
Operating temperature min.	-25 °C		
Operating temperature max.	-20 °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			
Cable identification	614		
Cable Type	1		
Jacket Color	black		
Type of Certificate	cURus		
Amount stranding	1		
Stranding	4 wires twisted		
wire arrangement	brown, black, blue, white		
Cable weigth	40,7 g/m		
Material jacket	PVC		
Shore hardness jacket	85 ± 5 Shore A		
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free		
Outer-diameter (jacket)	5 mm		
Tolerance outer diameter (sheath)	±5%		
Material wire insulation	PVC		
Amount wires	4		
Outer diameter insulation	1,25 mm		
Outer diameter tolerance core insulation	±5%		
Shore hardness wire insulation	45 ± 5 Shore D		
Material properties wire insulation	good machinability		
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free		
mation in this Product DDE has been compiled with the utmost care			

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Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	℃ O8
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	℃ 08
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
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

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