

MQ15 female 270° with cable type 2

PUR 6x2.5 bk UL/CSA+drag ch. 10,0m

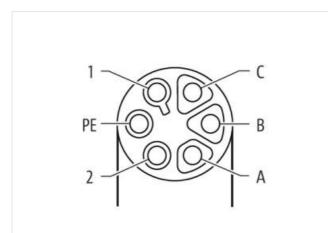
MQ15, 6-pole Female 270° with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

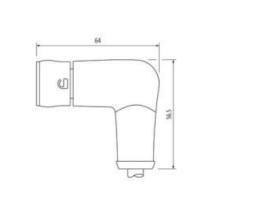
Link to Product





GN YE BK 2	
BK 3	
BK 4	
BK 5	





Product may differ from Image



Side 1

Mounting method

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10 m

inserted, locked



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Important installation notes	Additional condition temperature range	depending on cable quality
	Important installation notes	

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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	IEC 61076-2-116
Installation Cable	
wire arrangement	black 5, black 4, black 3, black 2, black 1, green-yellow
Cable identification	P63
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Stranding	6 wires around Filler twisted
Filler	yes
wire arrangement	black 5, black 4, black 3, black 2, black 1, green-yellow
Cable weigth	227,7 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)	10,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	6
Outer diameter insulation	2.85 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	140
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	2,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Shore hardness wire insulation (Data)	60 ± 5 Shore D
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	19,5 A
Electrical resistance line constant wire	8 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	10 kV
Power frequency withstand voltage (wire -	
jacket)	10 kV
Min. operating temperature (static)	-50 °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 IEC 60332-2-2 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
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio. 25 °C

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Torsion speed

35 cycles/min 25 °C

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