

MQ15 male 0° / MQ15 female 0° 600V AC type 3

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

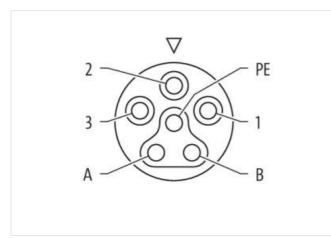
MQ15, 6-pole Male straight – female straight with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

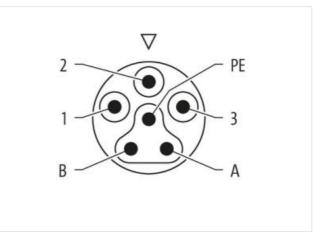
Link to Product





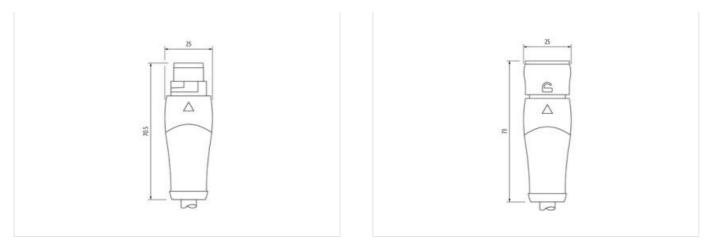
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	BK 4	
	BK 5	





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: 2024-05-19





Product may differ from Image



Cable length	5 m
Side 1	
Mounting method	inserted, locked
Coating contact	silver-plated
Family construction form	MQ15
suitable for corrugated tube (internal $Ø$)	18 mm
Material contact	Copper alloy
No. of poles	6
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Mounting method	inserted, locked
Coating contact	silver-plated
Family construction form	MQ15
Material contact	Copper alloy
No. of poles	6
Degree of protection (EN IEC 60529)	IP65, IP67
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	EC001855
customs tariff number	85444290
GTIN	4048879901895
Packaging unit	1
Electrical data Supply	
Operating voltage AC per power contact max.	600 V
Operating voltage AC per signal contact max.	63 V

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Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)10,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires6Outer diameter insulation2,85 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationis 5 %Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)140Diameter of single wires0,15 mmConductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Material jacket	PUR
Outer-diameter (jacket)10,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires6Outer diameter insulation2,85 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)140Diameter of single wires0,15 mmConductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires6Outer diameter insulation2,85 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)140Diameter of single wires0,15 mmConductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulationPPAmount wires6Outer diameter insulation2,85 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)140Diameter of single wires0,15 mmConductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Outer-diameter (jacket)	10,5 mm
Amount wires6Outer diameter insulation2,85 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)140Diameter of single wires0,15 mmConductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation2,85 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)140Diameter of single wires0,15 mmConductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6	Amount wires	6
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)140Diameter of single wires0,15 mmConductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Outer diameter insulation	2,85 mm
Amount strands (wire)140Diameter of single wires0,15 mmConductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Outer diameter tolerance core insulation	±5%
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	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6		
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6	Diameter of single wires	0,15 mm
Conductor type (wire) strand class 6	. ,	
		Stranded copper wire, bare
Shore hardness wire insulation (Data) 60 ± 5 Shore D		
	Shore hardness wire insulation (Data)	60 ± 5 Shore D

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Traversing distance (C-track)	5 m @ 25 °C
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)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio. 25 °C
Torsion stress	± 180 °/m @ 25 °C
Torsion speed	35 cycles/min 25 °C

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