

MQ15 female 0° with cable 600V AC type 3

PUR 4x1.5 bk UL/CSA+drag ch. 8m

Female straight MQ15, 4-pole with cable sleeves

Plastic housings with good resistance against chemicals and oils.

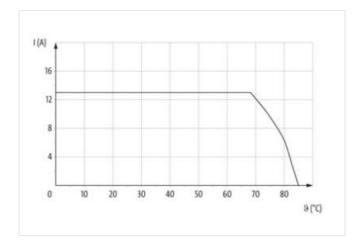
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

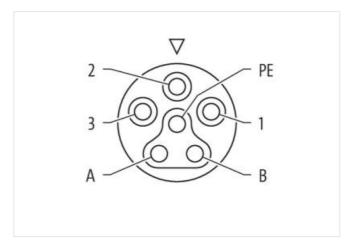
Link to Product

Illustration











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Product may differ from Image











Cable length	8 m
Side 1	
Mounting method	inserted, locked
Coating contact	silver-plated
Family construction form	MQ15
suitable for corrugated tube (internal Ø)	18 mm
Cable outlet	straight
Coding	Type 3
Material contact	Copper alloy
No. of poles	4
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Stripping length (jacket)	100 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909050439
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	600 V
Current operating per contact max.	13 A
Diagnostics	
Status indication LED	no
Installation Connection	



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Material contact carrier PA Locking material POM Mechanical data Mounting data Locking plachinques bayonet-locking Environmental characteristics Climatic Operating temperature min. 93° C Additional condition temperature mape depending on cable quality Important installation notes Note on barding radius Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard IEG 61076-2-116 Installation Cable wite arrangement green-yellow, black 3, black 2, black 1 Cable identification P16 Cable identification plack Type of Cartificate durie insulation white (solation black) Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement green-yellow, black 3, black 2, black 1 Cable weight 114,4 g/m Material jacket PUR Shore hardness jacket 90 15 Shore A Freedom from Ingredients (jacket) 12,2 mm Cuter diameter (jacket) 2,3 mm Outer diameter (jacket) 2,3 mm Outer diameter (insulation plack) 15 mm Pinning color of wire insulation plack Jameount wriens 4 Attention product green-yellow, black 3, black 2, black 1 Cable weight 114,4 g/m Material jacket PUR Shore hardness jacket 90 15 Shore A Guiter diameter (jacket) 1,2 mm Outer diameter (jacket) 2,3 mm Outer diameter (jacket) 2,3 mm Outer diameter (jacket) 64 5 Shore D Ingredient freeness wire insulation white (jaclation black) Mite (jaclation black) white (jaclation black) Mite (jaclation black) white (jaclation black) Mite (jaclation black) white (jaclation black) Miterial jacket 64 64 64 64 64 64 64 64 64 64 64 64 64	Stripping length (jacket)	100 mm
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Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm	Tolerance outer diameter (sheath)	±5%
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Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm	Amount wires	4
Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm	Outer diameter insulation	2,3 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm	Outer diameter tolerance core insulation	± 5 %
Printing color of wire insulation white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm	Shore hardness wire insulation	60 ± 5 Shore D
Amount strands (wire) 84 Diameter of single wires 0,15 mm	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire) 84 Diameter of single wires 0,15 mm	Printing color of wire insulation	white (isolation black)
· · · · · · · · · · · · · · · · · · ·	Amount strands (wire)	
· · · · · · · · · · · · · · · · · · ·	Diameter of single wires	0,15 mm
	Conductor crosssection (wire)	1,5 mm²



Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	14,4 A
Electrical resistance line constant wire	13,3 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	10 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	10 kV @ 60 s
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 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
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.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min