

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

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

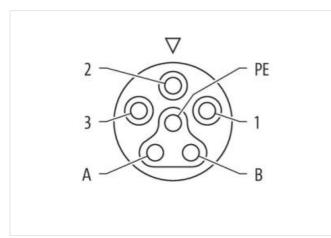
MQ15, 6-pole Male straight – female straight with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

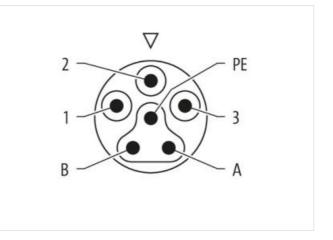
Link to Product





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	BK 2	
	BK 3	
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-	BK 4	
	BK 5	









Product may differ from Image



Coating contact silver-plated Family construction form MO15 suitable for corrugated tube (internal Ø) 18 mm Gender male Cable outlet straight Coding Type 3 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 MO15 Gender female Suitable for corrugated tube (internal Ø) 18 mm Coating contact silver-plated Family construction form MO15 Gender female Suitable for corrugated tube (internal Ø) 18 mm Cable outlet straight Coding Type 3 Material contact Copper alloy No. of poles 6 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data 27279218 ECLASS-6.0 </th <th>Cable length</th> <th>0,6 m</th>	Cable length	0,6 m
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Coding Type 3 Material contact Copper alloy No. of poles 6 Degree of protection (EN IEC 60529) IP65, IP67 Side 2	Gender	male
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 Gender female suitable for corrugated tube (internal Ø) 18 mm Cable outlet straight Coding Type 3 Material contact Copper alloy No. of poles 6 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060327 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Cable outlet	straight
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Additional Control 18 mm Cable outlet straight Coding Type 3 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	Family construction form	MQ15
Cable outlet straight Coding Type 3 Material contact Copper alloy No. of poles 6 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060327 ECLASS-10.1 27060311 ECLASS-11.1 27060311	Gender	female
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No. of poles 6 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060327 ECLASS-10.1 27060311 ECLASS-11.1 27060311	Coding	Туре 3
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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	Degree of protection (EN IEC 60529)	IP65, IP67
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ECLASS-12.0 27060327	ECLASS-11.1	27060311
	ECLASS-12.0	27060327

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customs tariff number	85444290
GTIN	4065909044629
Packaging unit	1
Electrical data Supply	
Operating voltage AC per power contact max.	600 V
Operating voltage AC per signal contact max.	63 V
Operating voltage DC per signal contact max.	63 V
Operating current per power contact max.	16 A
Operating current per signal contact max.	10 A
Diagnostics	
Status indication LED	no
Installation Pin assignment	
· · ·	
Coding	Type 3
Configuration	fully used
Device protection Electrical	
Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage power contacts	6 kV
Rated surge voltage signal contacts	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Material housing	PUR
Material contact carrier	PA
Locking material	РОМ
Mechanical data Mounting data	
Looking techniques	bayonet-locking
Environmental characteristics Climatic	
	-30 °C
Operating temperature min. Operating temperature max.	-30 °C 85 °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.
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

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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
Torsion stress	± 180 °/m @ 25 °C
Torsion speed	35 cycles/min 25 °C

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