

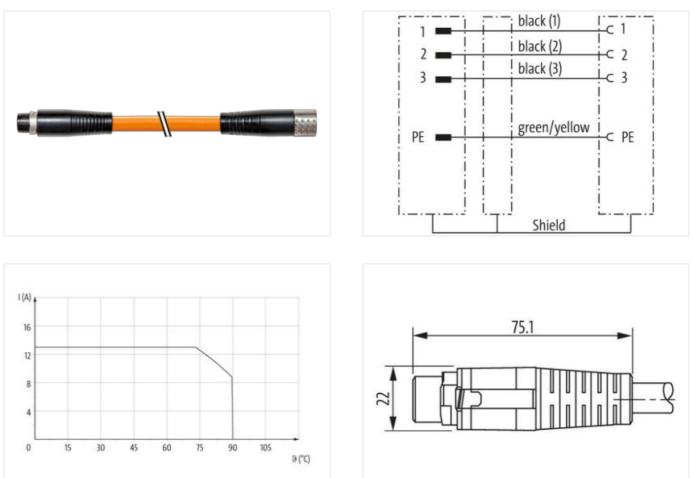
MQ15 male 0°/MQ15 fem. 0° shielded 600V AC type 3

PUR 4x1.5 or UL/CSA+drag ch. 25m

Male straight – female straight MQ15, 4-pole shielded without 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







Female

2

E

С

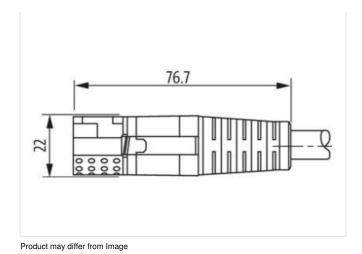
3

0

3

Male 2

1





Cable length	25 m		
Side 1			
Mounting method	inserted, screwed		
Coating contact	silver-plated		
Family construction form	MQ15		
Cable outlet	straight		
Material contact	Copper alloy		
No. of poles	4		
Degree of protection (EN IEC 60529)	IP67		
Side 2			
Mounting method	inserted, screwed		
Coating contact	silver-plated		
Family construction form	MQ15		
Cable outlet	straight		
Material contact	Copper alloy		
No. of poles	4		
Degree of protection (EN IEC 60529)	IP67		
Commercial data			
ECLASS-6.0	27279221		
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	EC001576		
customs tariff number	85444290		
GTIN	4048879710008		
Packaging unit	1		
Electrical data Supply			
Operating voltage AC max.	600 V		
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Current operating per contact max.	13 A
Diagnostics	
Status indication LED	no
Installation Connection	
	500
Mating cycles min.	500
Installation Pin assignment	
Configuration	fully used
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	4 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Combustibility class housing (UL94)	HB
Material housing	Plastic
Material contact carrier	PA
Mechanical data Mounting data	
Looking techniques	bayonet-locking
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
	Dustant the second stars by suitable measures from mask scient lands, s. s. by the years of scients time
Note on strain relief	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
Note on bending radius	endangered by excessive bending forces.
Installation Cable	
wire arrangement	black 1, black 2, black 3, green-yellow
Cable identification	P12
Jacket Color	orange
Cable shielding (type)	copper braiding, bare
Cable shielding (type) Cable shielding (coverage)	
Cable shielding (coverage) wire arrangement	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow
Cable shielding (coverage) wire arrangement Cable weigth	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket)	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath)	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 %
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 % TPE
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 % TPE 4
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire)	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 % TPE 4 1,5 mm ²
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 % TPE 4 1,5 mm ² Stranded copper wire, bare
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max.	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 % TPE 4 1,5 mm² Stranded copper wire, bare 1000 V
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. AC withstand voltage (wire - wire)	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 % TPE 4 1,5 mm² Stranded copper wire, bare 1000 V 4 kV
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket)	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 % TPE 4 1,5 mm² Stranded copper wire, bare 1000 V 4 kV
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static)	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 % TPE 4 1,5 mm² Stranded copper wire, bare 1000 V 4 kV 4 kV
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed)	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 % TPE 4 1,5 mm² Stranded copper wire, bare 1000 V 4 kV 4 kV 8 kV
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 % TPE 4 1,5 mm² Stranded copper wire, bare 1000 V 4 kV 4 kV -40 °C 80 °C -20 °C
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Operating temperature max. (dynamic)	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 % TPE 4 1,5 mm² Stranded copper wire, bare 1000 V 4 kV 4 kV -40 °C 80 °C -20 °C 60 °C
Cable shielding (coverage) wire arrangement Cable weigth Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	copper braiding, bare 80 % black 1, black 2, black 3, green-yellow 128,7 g/m 8 mm ± 5 % TPE 4 1,5 mm² Stranded copper wire, bare 1000 V 4 kV 4 kV -40 °C 80 °C -20 °C

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Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio.
Travel speed (C-track)	3,3 m/s
Torsion stress	± 15 °/m

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