

MQ15 female 0° with cable 600V AC type 3

PUR 4x2.5 bk UL/CSA+drag ch. 10m

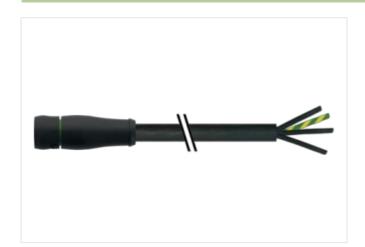
Female straight MQ15, 4-pole with cable sleeves

Plastic housings with good resistance against chemicals and oils.

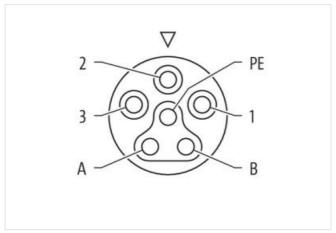
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

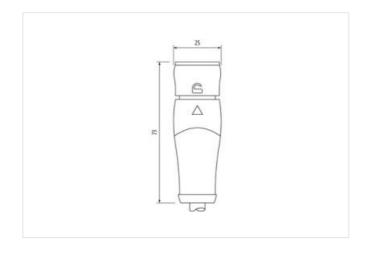
Link to Product

Illustration









Product may differ from Image











Cable length

10 m

Side 1

Mounting method inserted, locked



stay connected

Coating contact	silver-plated
Family construction form	MQ15
suitable for corrugated tube (internal Ø)	18 mm
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-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	4048879908955
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	600 V
Current operating per contact max.	16 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	100 mm
Installation Pin assignment	100 11111
Coding	Type 3
Configuration	partly used
Device protection Electrical	
Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage	6 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Material housing	PUR
Material contact carrier	PA
Locking material	POM
Mechanical data Mounting data	
Looking techniques	bayonet-locking
Environmental characteristics Climatic	
Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
	IEO 04070 0 440
Product standard	IEC 61076-2-116



stay connected

Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter lostance core insulation 2,85 mm Outer diameter lostrance core insulation 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 44 Printing oblor of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor strangle vires 0,15 mm Conductor virey (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 W Current load capacity standard 10 DIN VDE 0298-4 Current load capacity wire, wire 8 0/km @ 20 °C AC withstand voltage (wire - wire) <t< th=""><th>Cable identification</th><th>P36</th></t<>	Cable identification	P36
Jacket Color	Cable Type	3
Type of Conflicate	Printing color of wire insulation	white (isolation black)
Amount stranding 1 Stranding 4 wires twisted wire arrangement groen yellow, black 3, black 2, black 1 Cable weight 201,3 g/m Material jacket PUR Shore hardness jacket 50 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Cluer diameter (jacket) 2.7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Annuant wires 4 Outer diameter (sheath) ± 5 % Shore hardness wire insulation 2.8 mm Outer diameter (sheath) ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 5.5 % Shore bardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 50 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D	Jacket Color	black
Stranding 4 wires twisted wire arrangement green-yellow, black 3, black 2, black 1 Cable weight 201,3 gm Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 8,7 mm Tolerance outer dameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2.5 mm Outer diameter insulation 60 ± 5 Shore D Outer diameter insulation 60 ± 5 Shore D Printing ober of wire insulation white (solation black) Amount stands (wire) 140 Diameter of single wires 0.15 mm Conductor oressection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal virtue, and company with stand voltage (wire - wire) 10 kV @ 60 s Current load capacity min. wire 2.8 A	Type of Certificate	cURus
wire arrangement green-yellow, black 3, black 2, black 1 Cable weight 2013 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from Ingredients (jacket) 18-3 Shore A Tolerance outer diameter (sheath) 1.5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2.85 mm Outer diameter insulation 2.85 mm Outer diameter insulation 60 ± 5 Shore D Shore hardness were insulation 60 ± 5 Shore D Ingredient feeness were insulation 60 ± 5 Shore D Printing color of wire insulation white (solation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor type (wire) 5 tranded copper wire, bare Material conductor wire Stranded copper wire, bare Conductor type (wire) 5 tranded cape Traversing distance (C-vack) 5 m © 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) 0 DIN VDE 0298-4 Electrica	Amount stranding	1
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Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) leaf free, cadminn-free, CFC-free, halogen-free Outer-diameter (jacket) 8,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,85 mm Outer diameter insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation hite (solation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor rosssection (wire) 2,5 mm² Material conductor vire Stranded copper wire, bare Conductor type (wire) \$1 mm² Traversing distance (*Lrack) 5 mm @25 °C Nominal voltage AC max 1000 V Current load capacity (standard) to DIN VDE (298-4 Current load capacity (init wire) 2.8 A Electrical resistance line constant vire 8 Ω Nm @ 25 °C AC withstand voltage (wire - wire) 10 kV @ 60 °s </td <td>wire arrangement</td> <td>green-yellow, black 3, black 2, black 1</td>	wire arrangement	green-yellow, black 3, black 2, black 1
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 8,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,85 mm Outer diameter berance 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 (solation black) 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 Traversing distance (Crtrack) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (selandard) to DIN VDE 0298-4 Current load capacity (wire) 10 kW @ 60 s Power frequency withstand voltage (wire - jacket) 10 kW @ 60 s	Cable weigth	201,3 g/m
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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 20,8 A Electrical resistance line constant wire 8 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 ISC 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 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.		
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Current load capacity min. wire 20,8 A Electrical resistance line constant wire 8 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 Min. 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 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 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. Torsion stress ± 180 °/m		
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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 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 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. Torsion stress ± 180 °/m	Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 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. Torsion stress ± 180 °/m	Operating temperature min. (dynamic)	-25 °C
Flame resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 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. Torsion stress ± 180 °/m	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 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. Torsion stress ± 180 °/m	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2
Oil resistance DIN EN 60811-404 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. Torsion stress ± 180 °/m	chemical resistance	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. Torsion stress ± 180 °/m	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Oil resistance	DIN EN 60811-404
Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (fixed)	7,5 x Outer diameter
No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (dynamic)	10 x Outer diameter
Torsion stress ± 180 °/m	Travel speed (C-track)	5 Mio. @ 25 °C
	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min	Torsion stress	± 180 °/m
	Torsion speed	35 cycles/min