

MQ15 female 0° with cable shielded 600V AC type 3

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

Female straight MQ15, 4-pole shielded

without cable sleeves

Plastic housings with good resistance against chemicals and oils.

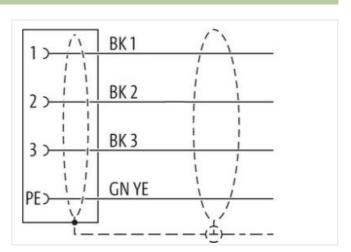
The resistance to aggressive media should be individually tested for your application. Further details on request.

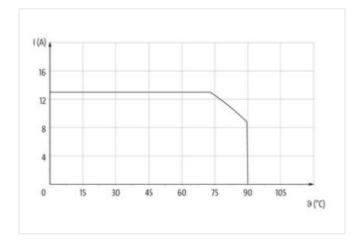
Further cable lengths on request.

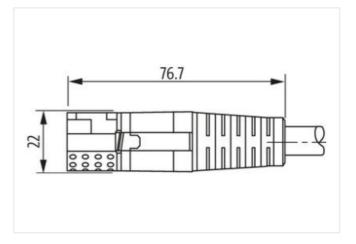
Link to Product

Illustration

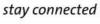


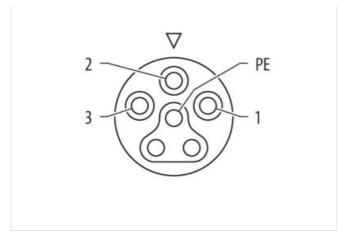












Product may differ from Image



Cable length	5 m
Side 1	
Mounting method	inserted, screwed
Coating contact	silver-plated
Family construction form	MQ15
Material contact	Copper alloy
No. of poles	4
Side 2	
Stripping length (jacket)	30 mm
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	4048879701532
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	
Stripping length (jacket)	30 mm
Mating cycles min.	500
Installation Pin assignment	



stay connected

Device protection (EN IEC 60529) MF7 Additional confiding protection agree inserted, screwed Pollution Degree 3 Bated surge voltage 4 kV Material group (IEC 60684-1) 1 Mochanical data (Material data) Westernation of the properties of the propertie	Configuration	fully used
Additional condition protection degree inserted, screwed Pollution Degree 3 Raded surge voltage 4 kV Material group (IEC 60664-1) I Mechanical data Material data Combustibility class housing (IU-94) HB Material housing Pastic Material cortiact carrier PA Material frousing Pastic Material cortiact carrier PA Mechanical data Mounting data Locking fechniques bayonet-locking Environmental characteristics Climatic Environmental characteristics Climatic Poperating temperature minx. 95 °C Operating temperature max. 80 °C Additional condition temperature range depending on cabbe quality installation Cabbe Cabbe identification P12 Additional (goverage) 50 % Wite arrangement Cabbe shelding (goverage) 50 % Wite arrangement Datak Latak 2, Juak 3, green-yellow Cabbe shelding (goverage) 128, 7 m Cable weight 128, 7 m Caleb weigh	Device protection Electrical	
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Rated surge voltage 4 kV Material group (IEC 60064-1) I Mechanical datal Material data Combustibility class housing (UL84) HB Material housing Plastic Material contact carrier PA Mechanical datal Mounting data Environmental Characteristics [Climatic Environmental Characteristics [Climatic Deprating temperature min. 25 °C Operating temperature min. 80 °C Additional condition temperature range depending on cable quality Installation Cable Additional Condition temperature range depending on cable quality Installation Cable P12 Additional Condition temperature range depending on cable quality Cable dehinding (type) copper braiding, bare Cable dehinding (type) Cable dehinding (type) Cable dehinding (type) copper braiding, bare Amount wire arrangement black 1, black 2, black 3, green-yellow Cable wight 128.7 ym Minerial wire insulation TPE Amount wire insulation TPE Amount wire insulation (wire wire) 4 Conductor crosssection (wire) 1,5 mm² Minerial wire insulation voltage power (Additional condition protection degree	inserted, screwed
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Mechanical data Material data HB Combusibility class housing (UL94) HB Material housing Plastic Material housing PA Mechanical carrier PA Mechanical data Mounting data Boyonet-locking Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Cable identification Cable Temperature max. 80 °C Additional Condition temperature range depending on cable quality Cable identification Cable Temperature max. 80 °C Additional Condition temperature range P12 Salce deficiting (coverage) 80 °C Cable identification 28 °C oper braiding, bare Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable weight 28 °C gm 28 °C max Cable weight 28 °C gm 28 °C max Cuber-diameter (backet) 8 °m 8 °m Afterial conductor (sheath) 25 % 4 °C After	Rated surge voltage	4 kV
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Material contact carrier PA Mechaical data Mounting data bayonet-locking Environmental characteristics Climatic Coperating temperature min. 25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification P12 Jacket Color orange Cable shielding (type) opper braiding, bare Cable shielding (type) opper braiding, bare Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable weight 128,7 g/m Outer diameter (jaketi) 8 mm Column diameter (jaketi) 8 mm Tolerance outer diameter (sheath) 25 % Amount wires Amount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare May Material conductor wire with and voltage power (wire - wire) 4 kV Min. operating temperature (static) 40 °C Max. operating temperature (wire) 4 kV Min. operating temperature (wire) 60 °C <th< td=""><td>Combustibility class housing (UL94)</td><td>НВ</td></th<>	Combustibility class housing (UL94)	НВ
Mechanical data Mounting data	Material housing	Plastic
Looking techniques bayonet-looking Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification P12 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable wight 128,7 g/m Outer-diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power (wire - wire) 4 kV Min. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature (mixed) 80 °C Operating temperature (mixed) 60 °C Flame resistance Good, application-related testing Children (steel) 10 × Culter diameter Gending radius (fixed) 10 × Culter diameter Good, application-related testing DIN EN 60811-404 No. of bending yedies (C-track) 5 Mio. Bending radius (fixed) 10 × Culter diameter Good, application-related testing DIN EN 60811-404 No. of bending yedies (C-track) 5 Mio. Bending radius (fixed) 10 × Culter diameter Gending radius (dynamic) 10 × Culter diameter	Material contact carrier	PA
Environmental characteristics Climatic Operating temperature min.	Mechanical data Mounting data	
Operating temperature min. .25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification P12 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 % Wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 128,7 g/m Outer-diameter (jacket) 8 mm Tolerance outer diameter (seath) ± 5 % Material wrie insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm² Nominal voltage power AC max. 1000 V Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV AC withstand voltage power (wire - wire) 4 kV Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 40 °C Max. operating temperature (fixed) 40 °C Max. operating temperature (fixed) 60 °C <td>Looking techniques</td> <td>bayonet-locking</td>	Looking techniques	bayonet-locking
Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification P12 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable weight 128,7 g/m Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV Min. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Operating temperature (miter) 60 °C Operating temperature max. (dynamic) 60 °C Operating temperature (static) 60 °C Operating temperature max. (dynamic) 60 °C Operating temperatu	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Installation Cable Cable identification P12 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable weigh 128,7 g/m Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material vire insulation TPE Amount wires 4 Amount wires 4 Amount wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV Min. operating temperature (state) 80 °C Operating temperature (fixed) 80 °C Operating temperature (mixed) 80 °C Operating temperature mix. (dynamic) 60 °C Flame resistance UL 1581 ; 1100 FT2 UL 1581 § 1001 EC 60332-2-2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 10 x Outer diameter Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Operating temperature min.	-25 °C
Cable identification P12 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 % wrie arrangement black 1, black 2, black 3, green-yellow Cable weigth 128.7 g/m Outer-claimeter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wrie insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 20 °C Operating temperature max. (dynamic) 60 °C Flame resistance Good. application-related testing Gli resistance Good. application-related testing Oil resistance Good. application-related testing DIN EN 60811-404 No. of bending cycles (C-track) 5 Mio.	Operating temperature max.	80 °C
Cable identification P12 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable weight 128,7 g/m Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV AC withstand voltage power (wire - wire) 4 kV Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 60 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 <td>Additional condition temperature range</td> <td>depending on cable quality</td>	Additional condition temperature range	depending on cable quality
Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 128,7 g/m Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature (ixed) 80 °C Operating temperature max. (dynamic) 20 °C Operating temperature max. (dynamic) 60 °C Fiame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing IDIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (fixed) 10 x Outer diameter	Installation Cable	
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Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 128,7 g/m Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - jacket) 4 kV AC withstand voltage power (wire - wire) 4 kV Min. operating temperature (static) -40 °C Max. operating temperature (static) 40 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 60 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 109 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (fixed) 10 x Outer diameter	Jacket Color	orange
wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 128,7 g/m Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV AC withstand voltage power (wire - wire) 4 kV Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 60 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN 60811-404 No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Cable shielding (type)	copper braiding, bare
Cable weigth 128,7 g/m Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) - jacket) 4 kV AC withstand voltage power (wire - wire) 4 kV Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 60 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Oil resistance Good, application-related testing No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Cable shielding (coverage)	80 %
Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1.5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV AC withstand voltage power (wire - wire) 4 kV Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 60 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	wire arrangement	black 1, black 2, black 3, green-yellow
Tolerance outer diameter (sheath) ±5 % Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV AC withstand voltage power (wire - wire) 4 kV Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) 60 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Cable weigth	128,7 g/m
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Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) 4 kV Min. operating temperature (static) 4 kV Min. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 60 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Material conductor wire	Stranded copper wire, bare
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Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Oil 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	AC withstand voltage power (wire - wire)	4 kV
Operating temperature min. (dynamic) Operating temperature max. (dynamic) 60 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 60 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Max. operating temperature (fixed)	80 °C
Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Operating temperature min. (dynamic)	-20 °C
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Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
Oil resistance Good, application-related testing DIN EN 60811-404 No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	chemical resistance	Good, application-related testing
No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) 10 x Outer diameter	No. of bending cycles (C-track)	5 Mio.
	Bending radius (fixed)	10 x Outer diameter
Torsion stress ± 15 °/m	Bending radius (dynamic)	10 x Outer diameter
	Torsion stress	± 15 °/m