

## MQ15-X-Power female 90°right, with cable

PUR 6x1.5 bk UL/CSA+drag chain 2m

Female 90° MQ15, 6-pole without cable sleeves

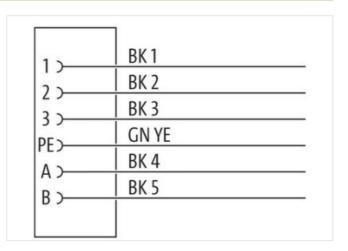
Plastic housings with good resistance against chemicals and oils.

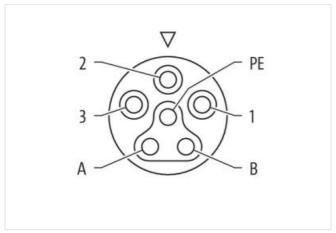
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

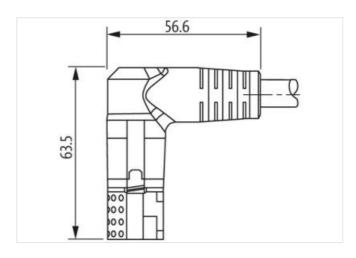
## **Link to Product**

## Illustration









Product may differ from Image

Cable length	2 m	
Side 1		
Mounting method	inserted, screwed	
Coating contact	silver-plated	
Family construction form	MQ15	
Material contact	Copper alloy	
No. of poles	6	
Side 2		



stay connected

ECLASS.8.0         2726218           ECLASS.9.0.1         27060311           ECLASS.9.1.1         27060311           ECLASS.9.1.2         27060312           ECLASS.9.1.0         27060312           ETIM.5.0         EC001855           custons lainf number         404887882713           Packaging unit         1           Electrical data [suppty         February ovitage AC per power contact max.           Operating voitage AC per signal contact max.         60 V           Operating voitage AC per signal contact max.         60 V           Operating voitage AC per signal contact max.         13 A           Operating voitage AC per signal contact max.         13 A           Operating voitage AC per signal contact max.         13 A           Operating voitage AC per signal contact max.         13 A           Operating current per signal contact max.         13 A           Operating current per signal contact max.         10 A           Dispanselies         Status indication LED           Installation [Connection         10 A           Installation [Connection         50 mm           Material cycles mix.         500           Installation [Pin sasignment         500           Degree of protection [EN IEC 60629]         19 A	Stripping length (jacket)	30 mm
ECLASS-7.0         2779218           ECLASS-8.0         27000311           ECLASS-9.0         27000311           ECLASS-10.1         27000311           ECLASS-11.1         27000311           ECLASS-12.0         27000322           ETHM-5.0         ECORISES           customs tariff number         85444290           GTIN         4048875807713           Packaging unit         1           Electrical data [supply           Operating voltage AC per power contact max.         60 V           Operating voltage AC per power contact max.         63 V           Operating voltage AC per signal contact max.         63 V           Operating current per signal contact max.         10 A           Diagnostics         8           Status indication LED         no           Installation   Connection         10 A           Installation   Gueter)         50 mm           Mallog cycles in great (packet)         50 mm           Degree of protection   Electrical         50 mm           Degree of protection   Electrical         1	Commercial data	
ECLASS.8.0         2726218           ECLASS.9.0.1         27060311           ECLASS.9.1.1         27060311           ECLASS.9.1.2         27060312           ECLASS.9.1.0         27060312           ETIM.5.0         EC001855           custons lainf number         404887882713           Packaging unit         1           Electrical data [suppty         February ovitage AC per power contact max.           Operating voitage AC per signal contact max.         60 V           Operating voitage AC per signal contact max.         60 V           Operating voitage AC per signal contact max.         13 A           Operating voitage AC per signal contact max.         13 A           Operating voitage AC per signal contact max.         13 A           Operating voitage AC per signal contact max.         13 A           Operating current per signal contact max.         13 A           Operating current per signal contact max.         10 A           Dispanselies         Status indication LED           Installation [Connection         10 A           Installation [Connection         50 mm           Material cycles mix.         500           Installation [Pin sasignment         500           Degree of protection [EN IEC 60629]         19 A	ECLASS-6.0	27279218
EGLASS 9.0         27600311           EGLASS-10.1         27060311           EGLASS-11.2         27060312           EGLASS-12.0         27060322           ETIMS-0.5         EC01955           customs tariff number         85444290           GTIN         4048875687713           Packaging unit         1           Electrical data [Supply         V           Operating voltage AC per power contact max.         60 V           Operating voltage AC per power contact max.         63 V           Operating voltage AC per power contact max.         63 V           Operating voltage AC per power contact max.         63 V           Operating unrent per power contact max.         63 V           Operating unrent per gingal contact max.         63 V           Operating unrent per gingal contact max.         10 A           Situation indication LED         no           Installation [Connection         500           Installation [Connection         500           Installation [Connection         fully used           Device protection [Electrical         1967           Device protection [Electrical         1967           Device protection [Electrical         1968           Device protection [Electrical         196	ECLASS-7.0	27279218
EGLASS-10.1         27660311           EGLASS-11.1         27660311           EGLASS-12.0         27600327           ETIM-5.0         EOO10855           CUALORS-12.0         8944200           GTIN         404877687713           Packaging unit         1           Electrical data   Supply         Ceparating voltage AC per power contact max.         690 V           Operating voltage AC per power contact max.         690 V           Operating voltage AC per signal context max.         69 V           Operating voltage AC per signal context max.         69 V           Operating voltage AC per signal context max.         69 V           Operating current per power contact max.         19 A           Operating voltage AC per signal context max.         19 A           Operating current per power contact max.         10 A           Diagnostics         30 mm           Situation in Continuity (sector)         30 mm           Installation   Pinasitial (sector)         10 mm	ECLASS-8.0	27279218
ECLASS-11.1         27060317           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs failf number         55444290           GTIN         4048079687713           Packaging unit         1           Electrical data   Supply           Operating voltage AC per per contact max.           60 V         Operating voltage AC per signal contact max.         63 V           Operating voltage DC per signal contact max.         63 V           Operating voltage DC per signal contact max.         10 A           Operating unront per signal contact max.         10 A           Diagnostics           States indication LED           Installation   Connection           States indication   Connection           Strepping length (jacket)           Matting cycles min.         500           Installation   Connection           Strepping length (jacket)           Degree of protection   Electrical           Degree of protection   Electrical           Degree of protection   Electrical           Degree of protection   Electrical           Page of protection   Electrical	ECLASS-9.0	27060311
ECLASS-12.0         27060327           ETIM-5.0         ECD01835           CTIM         4048879687713           Packaging unit         I           Electrical datal Supply         February oblage AC per power contact max.           Operating voltage AC per power contact max.         600 V           Operating voltage AC per signal contact max.         630 V           Operating current per prover contact max.         630 V           Operating current per prover contact max.         10 A           Operating current per prover contact max.         10 A           Operating current per signal contact max.         10 A           Diagnostics         Usage according to the period contact max.           Status indication LED         no           Installation Connection         500           Installation Connection         Usage mix.           Stopping length (jackol)         30 mm           Making cycles mix.         500           Degree of protection [Electrical         Usus de           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Publishon Degree         3           Rated stays voltage         4 kV           Material power (Electrical)         I	ECLASS-10.1	27060311
ETIM-5.0 Coustoms fairf number	ECLASS-11.1	27060311
customs tariff number         85444290           GTIN         4048879687713           Packaging unt         1           Electrical data   Supply         50 V           Operating voltage AC per signal contact max.         63 V           Operating voltage AC per signal contact max.         13 A           Operating voltage pc per signal contact max.         10 A           Operating unrent per gower contact max.         10 A           Installation   Connection         10 A           Status indication LED         500           Installation   Pometric max.         500           Onfiguration   Electrical         10 year           Operating temperature (Electrical)         10 year           Operating temperature (Electrical)         1 year           Operating temperature (Electrical)         1 year           Operating temperature mix.         25 °C           Coperating t	ECLASS-12.0	27060327
CTNN         4048879887713           Packaging until         1           Electrical data   Suppty         600 V           Operating voltage AC per signal contact max.         600 V           Operating voltage AC per signal contact max.         63 V           Operating content per signal contact max.         63 V           Operating current per signal contact max.         10 A           Diagnostics         8           Status indication LED         no           Installation   Connection         1           Stripping length (gacket)         30 mm           Mating cycles min.         50 0           Installation   Pin assignment         Vol.           Configuration         MIP67           Additional condition protection   Beetrical         Vol.           Device protection   Electrical         P67           Pollution Degree         3           Rated surge voltage         4 kV           Material protection (Electrical data         P6           Mechanical data   Material data         PA           Mechanical data   Material data         Bayont-locking           Material protection (Electrical)         Pa           Mechanical data   Mounting data         Boyont-locking           Environmental characteristics	ETIM-5.0	EC001855
Packaging unit         1           Electrical data   Supply         600 V           Operating voltage AC per power contact max.         63 V           Operating voltage AC per signal contact max.         63 V           Operating united per power contact max.         13 A           Operating current per signal contact max.         10 A           Diagnostice         Incompatible of the proper contact max.           Status indication LED         no           Installation   Connection         Stripping length (lacket)           Stripping length (lacket)         30 mm           Mating yoles min.         500           Installation   Pin assignment         F0           Device protection   Electrical         B           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Follution Degree         3           Rated surge voltage         4 kW           Methanical data   Material data         Inserted, screwed           Mechanical data   Material data         Inserted, screwed           Mechanical data   Mounting data         Inserted, screwed           Mechanical data   Mounting data         Inserted, screwed           Locking techniques         by C           Ope	customs tariff number	85444290
Peter   Pete	GTIN	4048879687713
Operating voltage AC per power contact max.         600 V           Operating voltage AC per signal contact max.         63 V           Operating current per power contact max.         13 A           Operating current per signal contact max.         10 A           Diagnostics         Image: Contact max of the proper signal contact max.           Status indication LED         no           Installation   Connection         500           Stripping length (jacket)         30 mm           Maling cycles min.         500           Installation   Pin assignment         Image: Configuration of the IEC 60529           Degree of protection   Electrical         Image: Configuration of the IEC 60529           Degree of protection   (EN IEC 60529)         IP67           Additional condition protection degree of protection of gene inserted, screwed         3           Release surge voltage         4 kV           Malerial group (IEC 60664-1) in the Mechanical data   Material contact carrier         PA           Coperating temperature min.         -25 °C           Operating temperature max.         80 °C           Additional condition temperature range         60 °C           Cabel identification   Libracy   Librac	Packaging unit	1
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Operating voltage AC per signal contact max.         63 V           Operating uroning por power contact max.         13 A           Operating current per signal contact max.         10 A           Diagnostics         Incomposition           Sitatus indication LED         no           Installation   Connection         Incomposition           Stripping length (lacket)         30 mm           Mating cycles min.         500           Installation   Pin assignment         Configuration           Device protection   Electrical         Uly used           Device protection   Electrical         Used to 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)         I           Mechanical data   Material data         I           Combustibility class housing (UL94)         HB           Material contact carrier         PA           Mechanical data   Mounting data         Locking techniques           Environmental characteristics   Climatic         Coperating temperature max.           Operating temperature max.         80 °C	Operating voltage AC per power contact max	600 V
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Installation   Connection           Stripping length (jacket)         30 mm           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 goup (IEC 60684-1)         1           Methanical data   Material data           Combustibility class housing (UL94)         HB           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         abord           Cable identification         P84           Jascel Color         black           wire arrangement         black 1, black 2, black 3, black 4, black 5, green-yell		
Stripping length (jacket)         30 mm           Mating cycles min.         500           Installation   Pin assignment         Configuration         fully used           Degree of protection (EN IEC 60529)         I P67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         4 kV           Material group (IEC 60664-1)         I           Mechanical data   Metrial data         Combustibility class housing (UL94)         HB           Material contact carrier         PA           Mechanical data   Mounting data         Looking techniques         bayonet-locking           Environmental characteristics   Climatic         Operating temperature min.         - 25 °C           Operating temperature max.         - 25 °C           Operating temperature max.         - 25 °C           Additional condition temperature range         - depending on cable quality           Installation   Cable         Cable identification         P84           Jacket Color         black           Wire arrangement         black		110
Mating cycles min. 500  Installation   Pin assignment  Configuration fully used  Device protection   Electrical  Degree of protection   Electrical  Degree of protection protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 4 kV  Material group (IEC 60664+1) 1  Mechanical data   Material data  Combustibility class housing (UL94) HB  Material lousing Pastic  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  Installation   Cable  Cable identification P84  Jacket Color black wire arrangement black 2, black 2, black 3, black 4, black 5, green-yellow  Material jacket PUR  Outer-diameter (jacket) 9 mm	Installation   Connection	
Installation   Pin assignment  Configuration fully used  Device protection   Electrical  Degree of protection (EN IEC 60529)   P67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 4 kV  Material group (IEC 60664-1)   I  Mechanical data   Material data  Combustibility class housing (UL94)   HB  Material ontact 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  Installation   Cable  Cable identification   P84  Jacket Color   black  Material gacket   PUR  Meterial jacket   PUR  Outer-diameter (jacket)   9 mm	Stripping length (jacket)	30 mm
Configuration         fully used           Degree of protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         4 kV           Mechanical data   Material data         Combustibility class housing (UL94)         HB           Material housing         Plastic           Material contact carrier         PA           Mechanical data   Mounting data         Looking techniques           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           Installation   Cable           Cable identification         P84           Jacket Color         black           View arrangement         black 1, black 2, black 3, black 4, black 5, green-yellow           Mo. of bending cycles (C-track)         5 Mio.           Material jacket         PUR           Outer-diameter (jacket)         9 mm	Mating cycles min.	500
Degree of 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)   I  Mechanical data   Material data  Combustibility class housing (UL94)   HB  Material lousing   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  Installation   Cable  Cable (Identification   P84  Jacket Color   black  Wire arrangement   black 1, black 2, black 3, black 4, black 5, green-yellow  No. of bending cycles (C-track)   5 Mio.  Material jacket   PUR  Outer-diameter (jacket)   9 mm	Installation   Pin assignment	
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Pollution Degree         3           Rated surge voltage         4 k/V           Material group (IEC 60664-1)         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           Installation   Cable         Cable identification           Jacket Color         black           wire arrangement         black 1, black 2, black 3, black 4, black 5, green-yellow           No. of bending cycles (C-track)         5 Mio.           Material jacket         PUR           Outer-diameter (jacket)         9 mm	· · · · · · · · · · · · · · · · · · ·	
Rated surge voltage 4 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Combustibility class housing (UL94) HB  Material housing Plastic  Material contact carrier PA  Mechanical data   Mounting data  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 P84  Jacket Color black wire arrangement black 1, black 2, black 3, black 4, black 5, green-yellow  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Outer-diameter (jacket) 9 mm		
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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 min25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable Cable identification P84 Jacket Color black wire arrangement black 1, black 2, black 3, black 4, black 5, green-yellow No. of bending cycles (C-track) 5 Mio. Material jacket PUR Outer-diameter (jacket) 9 mm		I
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 min25 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification P84  Jacket Color black wire arrangement black 1, black 2, black 3, black 4, black 5, green-yellow  No. of bending cycles (C-track) 5 Mio.  Material jacket Outer-diameter (jacket) 9 mm		
Material housing Plastic  Material contact carrier PA  Mechanical data   Mounting data  Looking techniques bayonet-locking  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification P84  Jacket Color black wire arrangement black 1, black 2, black 3, black 4, black 5, green-yellow  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Outer-diameter (jacket) 9 mm	·	LID.
Material contact carrier PA  Mechanical data   Mounting data Looking techniques bayonet-locking  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification P84 Jacket Color black wire arrangement black 1, black 2, black 3, black 4, black 5, green-yellow  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR Outer-diameter (jacket) 9 mm		
Mechanical data   Mounting data Looking techniques bayonet-locking  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification P84  Jacket Color black wire arrangement black 1, black 2, black 3, black 4, black 5, green-yellow  No. of bending cycles (C-track) 5 Mio.  Material jacket Outer-diameter (jacket) 9 mm	-	
Looking techniques bayonet-locking  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification P84 Jacket Color black wire arrangement black 1, black 2, black 3, black 4, black 5, green-yellow  No. of bending cycles (C-track) 5 Mio.  Material jacket Outer-diameter (jacket) 9 mm		10
Pervironmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification  P84  Jacket Color  black wire arrangement  black 1, black 2, black 3, black 4, black 5, green-yellow  No. of bending cycles (C-track)  Material jacket  Outer-diameter (jacket)  9 mm		
Operating temperature min. Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification P84  Jacket Color black wire arrangement black 1, black 2, black 3, black 4, black 5, green-yellow  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Outer-diameter (jacket) 9 mm	Looking techniques	bayonet-locking
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Cable identification P84  Jacket Color black wire arrangement black 1, black 2, black 3, black 4, black 5, green-yellow  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Outer-diameter (jacket) 9 mm	Installation   Cable	
Jacket Color black wire arrangement black 1, black 2, black 3, black 4, black 5, green-yellow  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Outer-diameter (jacket) 9 mm		P84
wire arrangement black 1, black 2, black 3, black 4, black 5, green-yellow  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Outer-diameter (jacket) 9 mm		
No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Outer-diameter (jacket) 9 mm	wire arrangement	
Material jacket PUR Outer-diameter (jacket) 9 mm	No. of bending cycles (C-track)	
Outer-diameter (jacket) 9 mm	Material jacket	
	Outer-diameter (jacket)	
	Tolerance outer diameter (sheath)	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-25



Material wire insulation	TPE
Amount wires	6
Conductor crosssection (wire)	1,5 mm²
Material conductor wire	Stranded copper wire, bare
Electrical resistance line constant wire	8 Ω/km @ 20 °C
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)	-50 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	70 °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
Bending radius (fixed)	4 x Outer diameter
Bending radius (dynamic)	6,8 x Outer diameter
Torsion stress	± 15 °/m