

## MQ15-X-Power female 0° with cable

PUR 4x2.5 bk UL/CSA+drag chain 25m

Female straight MQ15, 4-pole without cable sleeves

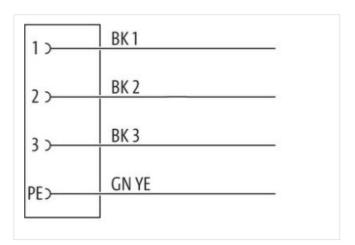
Plastic housings with good resistance against chemicals and oils.

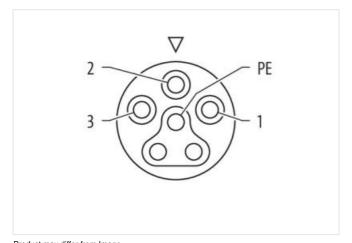
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

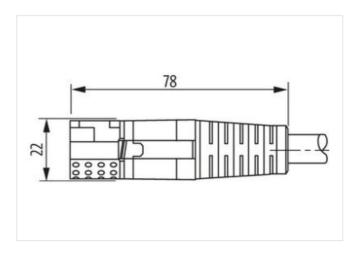
## **Link to Product**

## Illustration









Product may differ from Image

Cable length	25 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		



stay connected

ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 277960327 ECLASS-9.0 27060327 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060327 ETIM-5.0 ECO1895 customs tariff number 85444290 GTIN 4048879660945 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) 30 mm Mating cycles min. 500  Installation   Pin assignment Configuration (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed Pollution Degree 3 3 Rated surge voltage 1 kV Meterial group (IEC 60664-1) I  Mechanical data   Material data Material contact (acrier) PA Material contact (acrier) PA Material footing polluses housing (UL94) HB Material conduct of acrieve in Pastic Material contact carrier PA Material douting data	Stripping length (jacket)	30 mm		
ECLASS 6.1         22729218           ECLASS 7.0         27279218           ECLASS 8.0         27000327           ECLASS 8.0         27000327           ECLASS 8.1.1         27060311           ECLASS 8.1.1         27060311           ECLASS 8.1.1         27060311           ECLASS 12.0         27060327           ETM-5.0         EC001856           customs suff number         8544620           GTN         404877560945           Packagn punt         1           Electrical data [suppy)           Operating voltage AC max.         600 V           Current operating per contact max.         16 A           Diagnositics         1           Status indication LED         no           Installation [Connection         1           Status indication LED         30 mm           Making cycles min.         500           Making cycles min.         500           Configuration [Pin less G0529]         14           Making cycles min.         500           Degree of protection [Electrical         1           Degree of protection [Electrical         1           Degree of protection [Electrical         1           Making and your giv	Commercial data			
EGLASS-7.0         22220218           ECLASS-8.0         2279218           ECLASS-9.0         27060317           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ECLASS-12.0         EXMSTATE           EVERTATE         EXMSTATE           EVERTATE         EXMSTATE           EXASTATE         EXMSTATE           EVERTATE         EXASTATE           EVERTATE         EXASTATE           EVERTATE         EXASTATE	ECLASS-6.0	27279218		
ECLASS-8.0         2729218           ECLASS-9.0         27003311           ECLASS-10.1         27063311           ECLASS-11.1         27063311           ECLASS-12.0         27063312           ETIM-5.0         EC001855           countors suff number         89444290           GTIN         404877860945           Packaging untl         1           Electrical data [Supply         February Companies of Mark           Operating youlage AC max.         600 V           Current operating per contact max.         16 A           Diagnostics         Total Companies of Proceeding Per contact max.         16 A           Village length (jacker)         30 mm           Maring cycles in graph (jacker)         30 mm           Maring cycles in graph (jacker)         30 mm           Maring cycles in graph (jacker)         41 yu used           Degree of protection (EN IEC 60529)         18-67           Additional condition protection degree         18-67           Pollution Degree         3           Related surge voltage         4 kV           Malerial contact carrier         PA           Cornbustibility class housing VLB4         HB           Material Kousing         Apsorte-locking	ECLASS-6.1	27279218		
EGLASS-0.0         27960327           EGLASS-10.1         27960311           EGLASS-11.2         27960321           EGLASS-12.0         27960327           EGLASS-12.0         EC001855           BUTM-50         EC001855           BUTM-50         EC001955           BUTM-50         B6444290           GOTTON TOWN         4014879860945           Packagong unt         1           Electrical data [Supply         Deparating voltage AC max.           Gurrent operating por contact max.         10 A           Gurrent operating por contact max.         10 A           Deparatis indication LED         no           Installation [Connection         Stripping langth (jackot)           Stripping langth (jackot)         30 mm           Making cycles min.         500           Devices protection [Electrical         Device protection [Electrical           Devices protection [Electrical         Poperating typing langth (jackot)           Devices protection [Electrical         Poperating typing typing langth (jackot)           Barded surge voltage         4 kV           Maderial proup (EC 8064-1)         1           Machinal proup (EC 8064-1)         1           Macharial footal fata [Marterial data.         Fore	ECLASS-7.0	27279218		
ECLASS-10.1         27060311           ECLASS-11.0         27060317           ECLASS-12.0         27060317           ETIM-5.0         EC001855           customs farf number         65444290           GTIN         4048879660945           Fackaging unit         1           Electrical datal Supply         Electrical datal Supply           Operating voltage AC max.         600 V           Current operating per contact max.         16 A           Plagnostics         Status indication LED           Installation   Connection         no           Installation   Connection         Stripping length (lacker)           Stripping length (lacker)         30 mm           Making cycles min.         500           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, scrawed           Publishon Degree         3           Rade surge voltage         4 KV           Material group (IEC 6064-1)         1           Material group (IEC 6064-1)         1           Material pusing (IEC 6064-1)         1           Evityriomental data   Mounting data         Locking techniques           Locking techniques         baymet-locking	ECLASS-8.0	27279218		
ECLASS 11.1         27060311           ECLASS 12.0         27060327           ECHASS 12.0         E006085           customs staff number         55444280           GTIN         494875660945           Packaging unit         1           Electrical data   Supply         Poperating voltage AC max.           Current operating per contact max.         16 A           Plagnostics         Straus indication LED           Straus indication   Connection         No           Straus indication   Connection         Straus indication   Pin assignment           Installation   Pin assignment         500           Configuration         fully used           Degree of protection   Electrical         Portical protection   Pin assignment           Radiosinal condition protection degree         inserted, screwed           Pollution Degree         3           Radiosing vortage         4 KV           Material group (EC 60664-1)         1           Mechanical data   Mauritial data         Value   Pin Activation   Pin Acti	ECLASS-9.0	27060327		
ECLASS-12.0         27060327           ETIM-S 0         ECO01855           customs trainfl number         85444290           GTIN         4048879660945           Peckaging unit         1           Electrical data [supply         Current operating per contact max.           Operating voltage AC max.         600 V           Current operating per contact max.         16 A           Diagnostics         Stitus indication LED           Installation [Connection         Installation [Connection           Stitus indication LED         no           Installation [Prinassignment         S00           Configuration         fully used           Degree of protection [Electrical         Use of protection [Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         3           Raded surg voltage         4 kV           Material group (IEC 6064-1)         4           Mechanical data Material data         Combustibility class housing (IL94)         HB           Material housing         Pa           Mechanical data Muniting data         Looking techniques         bayonet-looking           Environmental characteristics   Climatic         Coperating temperature max.         90 °C	ECLASS-10.1	27060311		
ETIM-S 0         EC001855           Customs staff in mber         85444290           GTIN         40487960945           Packaging unit         1           Electrical data I Supply         ————————————————————————————————————	ECLASS-11.1	27060311		
customs tariff number         85444290           GTIN         404887960945           Packaging unit         1           Electrical data   Supply         600 V           Current operating per contact max.         600 V           Diagnostics         Current operating per contact max.           Status indication LED         no           Installation   Connection         Installation   Connection           Stipping leight (jacket)         30 mm           Making cycles min.         500           Lond   Pin assignment         Configuration           Configuration         fully used           Device protection (Electrical Device)         Post protection (Electrical Pin assignment)           Configuration         fully used           Device protection (Electrical Pin assignment)         For post protection (Electrical Pin assignment)           Powice protection (Electrical Pin assignment)         For Post post post post post post post post p	ECLASS-12.0	27060327		
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Packaging unit         1           Electrical data   Suppty         600 V           Current operating per contact max.         16 A           Diagnostics         Status indication LED         no           Installation   Connection           Stropping length (jacket)         30 mm           Mating cycles min.         500           Installation   Pin assignment           Configuration in Mily used           Degree of protection [Electrica]           Use pre of protection (MI IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Publistion Degree         3           Rated surge voltage         4 kV           Material data   Material data           Combustibility class housing (UL94)         HB           Material data   Mounting data           Looking techniques         bayonet-locking           Environmental characteristics   Climatic           Coperating imperature min.         25 °C           Operating imperature max.         80 °C           Additional condition temperature max.         80 °C           Additional condition temperature max.	customs tariff number	85444290		
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Stripping length (jacket)         30 mm           Mating cycles min.         500           Installation   Pin assignment         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           Material group (IEC 60664-1)         1           Mechanical data   Material data         Combustibility class housing (UL94)           Material housing         Plastic           Material housing         Pa           Mechanical data   Mounting data         Looking techniques           Looking techniques         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           Ualcacket Color         black 1, black 2, black 3, green-yellow           Material jacket         PUR           Freedom from ingredients (jacket)         halogen-free, LABS-free		no		
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)         I           Mechanical data   Material data           Combustibility class housing (IU.94)         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         depending on cable quality           Installation   Cable           Cable identification         P03           Jacket Color         black           wire arrangement         black 1, black 2, black 3, green-yellow           Material jacket         PUR           Freedom from ingredients (jacket)         9 mm </td <td>Installation   Connection</td> <td></td>	Installation   Connection			
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Material group (IEC 60664-1)  Mechanical data   Material data  Combustibility class housing (UL94)  Material housing  Plastic  Material contact carrier  PA  Mechanical data   Mounting data  Looking techniques  bayonet-locking  Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  80 °C  Additional condition temperature range  depending on cable quality  Installation   Cable  Cable identification  P03  Jacket Color  wire arrangement  black 1, black 2, black 3, green-yellow  Material jacket  PUR  Freedom from ingredients (jacket)  halogen-free, LABS-free  Outer-diameter (jacket)  9 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  TPE				
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 P03 Jacket Color black wire arrangement black 1, black 2, black 3, green-yellow Material jacket PUR Freedom from ingredients (jacket) halogen-free, LABS-free Outer-diameter (jacket) 9 mm Tolerance outer diameter (sheath) ±5 % Material wire insulation TPE		I I		
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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 P03  Jacket Color black wire arrangement black 1, black 2, black 3, green-yellow  Material jacket PUR  Freedom from ingredients (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE	Material housing			
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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  P03  Jacket Color  black wire arrangement  black 1, black 2, black 3, green-yellow  Material jacket  PUR  Freedom from ingredients (jacket)  Allogen-free, LABS-free  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  ### 15 °C  ### 25 °C  #	Mechanical data   Mounting data			
Operating temperature min.  Operating temperature max.  80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification P03  Jacket Color black wire arrangement black 1, black 2, black 3, green-yellow  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE	Looking techniques	bayonet-locking		
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Operating temperature max.  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification P03  Jacket Color black wire arrangement black 1, black 2, black 3, green-yellow  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE	·	-25 °C		
Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification P03  Jacket Color black wire arrangement black 1, black 2, black 3, green-yellow  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE	· · · ·			
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Jacket Color     black       wire arrangement     black 1, black 2, black 3, green-yellow       Material jacket     PUR       Freedom from ingredients (jacket)     halogen-free, LABS-free       Outer-diameter (jacket)     9 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     TPE				
wire arrangement black 1, black 2, black 3, green-yellow  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE				
Material jacket PUR Freedom from ingredients (jacket) halogen-free, LABS-free Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE				
Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE	-			
Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE				
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE		·		
Material wire insulation TPE				
Amount wires 4				
	Amount wires	4		



Ingredient freeness wire insulation	halogen-free, LABS-free
Conductor crosssection (wire)	2,5 mm²
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	1000 V
Electrical resistance line constant wire	8 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	4 kV
Power frequency withstand voltage (wire - jacket)	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	IEC 60332-2-2   UL 1581 § 1090   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)	4 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio.
Torsion stress	± 15 °/m