

## MQ15-X-Power male 0° / MQ15-X-Power female 0°

PUR 6x2,5 bk UL/CSA + drag chain 1,0m

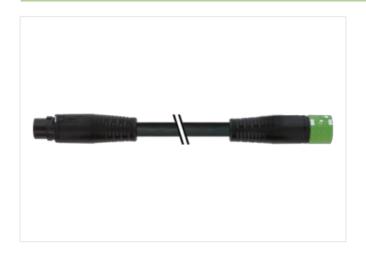
Male straight – female straight MQ15, 6-pole without cable sleeves

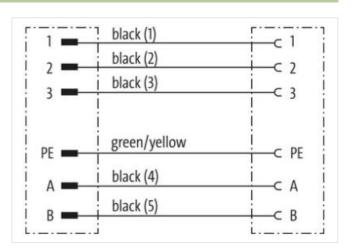
Plastic housings with good resistance against chemicals and oils.

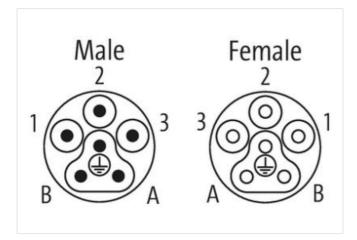
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

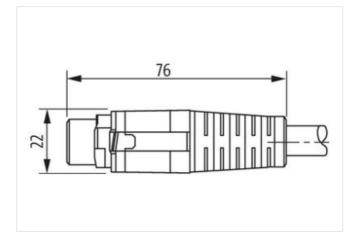
## **Link to Product**

## Illustration

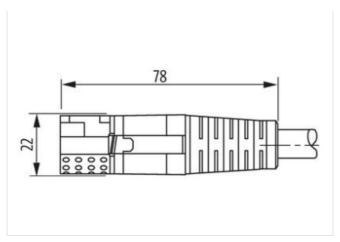












Product may differ from Image

Side 1         Mounting method         inserted, screwed           Coating contact         silver-plated           Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           Side 2           Wounting method           Coating contact         silver-plated           Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-1.1         27060327           ECLASS-1.2.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060327           ETIM-5.0         E001855           customs tariff number         85444290           customs tariff vumber         8644290           customs tariff vumber Approximate Approxi	Cable length	1 m
Coating contact         silver-plated           Family construction form         MC15           Material contact         Copper alloy           No. of poles         6           Side 2         Wounting method         inserted, screwed           Coating contact         silver-plated           Family construction form         MC15           Material contact         Copper alloy           No. of poles         6           Commercial data         Commercial data           ECLASS 6.0         27279218           ECLASS 6.1         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 9.0         27060327           ECLASS 1.1.1         27060311           ECLASS 1.1.1         27060311           ECLASS 1.2.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879599914           Packaging unit         1           Electrical data   Supply           Operating voltage AC per power contact max.         60 V           Operating current per signal contact max.         60 V           Operating current per signal contact max. </td <td>Side 1</td> <td></td>	Side 1	
Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           Side 2         Wounting method         inserted, screwed           Coating contact         silver-plated           Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           Commercial data           ECLASS 6.0         27279218           ECLASS 6.1         27279218           ECLASS 6.1         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27060327           ECLASS 1.1.1         27060311           ECLASS 1.1.1         27060311           ECLASS 1.1.1         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404887950914           Packaging unit         1           Electrical data   Supply           Operating voltage AC per signal contact max.         63 V           Operating voltage AC per signal contact max.         63 V           Operating current per power contact max.         10 A           Operating current per signal contact max. <td>Mounting method</td> <td>inserted, screwed</td>	Mounting method	inserted, screwed
Material contact         Copper alloy           No. of poles         6           Side 2         Side 2           Mounting method         inserted, screwed           Coating contact         silver-plated           Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           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-10.2         27060327           ECLASS-12.0         27060327           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         404887950914           Packaging unit         1           Electrical data   Supply           Operating voltage AC per signal contact max.         60 V           Operating voltage AC per signal contact max.         63 V           Operating current per signal contact max.         63 V           Operating current per signal contact max.         60 V	Coating contact	silver-plated
No. of poles	Family construction form	MQ15
Side 2           Mounting method         inserted, screwed           Coating contact         silver-plated           Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060327           ECLASS-9.0         27060327           ECLASS-1.1.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879590914           Packaging unit         1           Electrical data   Supply           Operating voltage AC per signal contact max.         60 V           Operating voltage AC per signal contact max.         63 V           Operating current per power contact max.         16 A           Operating current per signal contact max.         16 A           Operating current per signal contact max.         10 A           Diagnostics         10 A	Material contact	Copper alloy
Mounting method         inserted, screwed           Coating contact         silver-plated           Family construction form         MC15           Material contact         Copper alloy           No. of poles         6           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060327           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879590914           Packaging unit         1           Electrical data   Supply           Operating voltage AC per power contact max.         60 V           Operating voltage AC per signal contact max.         63 V           Operating current per signal contact max.         16 A           Operating current per signal contact max.         10 A           Diagnostics         Status indication LED         no	No. of poles	6
Coating contact         silver-plated           Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060327           ECLASS-9.0         27060327           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879590914           Packaging unit         1           Electrical data   Supply           Operating voltage AC per power contact max.         60 V           Operating voltage AC per signal contact max.         63 V           Operating urrent per power contact max.         63 V           Operating current per signal contact max.         16 A           Operating current per signal contact max.         10 A           Diagnostics           Status indication LED         no	Side 2	
Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060327           ECLASS-9.0         27060317           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879590914           Packaging unit         1           Electrical data   Supply           Operating voltage AC per power contact max.         600 V           Operating voltage AC per signal contact max.         63 V           Operating current per power contact max.         63 V           Operating current per signal contact max.         10 A           Diagnostics         Status indication LED         no	Mounting method	inserted, screwed
Material contact         Copper alloy           No. of poles         6           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-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879590914           Packaging unit         1           Electrical data   Supply           Operating voltage AC per power contact max.         60 V           Operating voltage AC per signal contact max.         63 V           Operating current per power contact max.         63 V           Operating current per signal contact max.         16 A           Operating current per signal contact max.         10 A           Diagnostics         10 A	Coating contact	silver-plated
No. of poles 6  Commercial data  ECLASS-6.0 27279218  ECLASS-6.1 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060327  ECLASS-9.0 27060327  ECLASS-10.1 27060311  ECLASS-11.1 27060311  ECLASS-11.1 27060311  ECLASS-12.0 27060327  ETIM-5.0 EC001855 customs tariff number 85444290  GTIN 4048879590914  Packaging unit 1  Electrical data   Supply  Operating voltage AC per signal contact max. 60 V  Operating voltage AC per signal contact max. 63 V  Operating current per power contact max. 63 V  Operating current per signal contact max. 16 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no	Family construction form	MQ15
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-11.1   27060327     ETIM-5.0   EC01855     customs tariff number   85444290     GTIN   4048879590914     Packaging unit   1     Electrical data   Supply     Operating voltage AC per power contact max.   63 V     Operating voltage AC per signal contact max.   63 V     Operating current per power contact max.   16 A     Operating current per signal contact max.   10 A     Diagnostics     Status indication LED   no	Material contact	Copper alloy
ECLASS-6.0 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060327  ECLASS-10.1 27060311  ECLASS-11.1 27060311  ECLASS-11.1 27060311  ECLASS-12.0 27060327  ETIM-5.0 EC01855 customs tariff number 85444290  GTIN 4048879590914  Packaging unit 1  Electrical data   Supply  Operating voltage AC per power contact max. 600 V  Operating voltage AC per signal contact max. 63 V  Operating voltage DC per signal contact max. 16 A  Operating current per power contact max. 10 A  Diagnostics  Status indication LED no	No. of poles	6
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       4048879590914         Packaging unit       1         Electrical data   Supply         Operating voltage AC per power contact max.       600 V         Operating voltage AC per signal contact max.       63 V         Operating voltage DC per signal contact max.       63 V         Operating current per power contact max.       16 A         Operating current per signal contact max.       10 A         Diagnostics         Status indication LED       no	Commercial data	
ECLASS-0.0       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       4048879590914         Packaging unit       1         Electrical data   Supply         Operating voltage AC per power contact max.       600 V         Operating voltage AC per signal contact max.       63 V         Operating voltage DC per signal contact max.       63 V         Operating current per power contact max.       16 A         Operating current per signal contact max.       10 A         Diagnostics       Status indication LED	ECLASS-6.0	27279218
ECLASS-8.0 27279218  ECLASS-9.0 27060327  ECLASS-10.1 27060311  ECLASS-11.1 27060311  ECLASS-11.1 27060327  ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879590914  Packaging unit 1  Electrical data   Supply  Operating voltage AC per power contact max. 600 V  Operating voltage AC per signal contact max. 63 V  Operating voltage DC per signal contact max. 63 V  Operating current per power contact max. 16 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no	ECLASS-6.1	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 4048879590914  Packaging unit 1  Electrical data   Supply  Operating voltage AC per power contact max. 600 V  Operating voltage AC per signal contact max. 63 V  Operating voltage DC per signal contact max. 63 V  Operating current per power contact max. 16 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no	ECLASS-7.0	27279218
ECLASS-10.1 27060311  ECLASS-11.1 27060311  ECLASS-12.0 27060327  ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879590914  Packaging unit 1  Electrical data   Supply  Operating voltage AC per power contact max. 600 V  Operating voltage AC per signal contact max. 63 V  Operating voltage DC per signal contact max. 63 V  Operating current per power contact max. 16 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no	ECLASS-8.0	27279218
ECLASS-11.1 27060311  ECLASS-12.0 27060327  ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879590914  Packaging unit 1  Electrical data   Supply  Operating voltage AC per power contact max. 600 V  Operating voltage AC per signal contact max. 63 V  Operating voltage DC per signal contact max. 63 V  Operating current per power contact max. 16 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no	ECLASS-9.0	27060327
ECLASS-12.0 27060327  ETIM-5.0 EC001855 customs tariff number 85444290  GTIN 4048879590914  Packaging unit 1  Electrical data   Supply  Operating voltage AC per power contact max. 600 V  Operating voltage AC per signal contact max. 63 V  Operating voltage DC per signal contact max. 63 V  Operating current per power contact max. 16 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no	ECLASS-10.1	27060311
ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879590914  Packaging unit 1  Electrical data   Supply  Operating voltage AC per power contact max. 600 V  Operating voltage AC per signal contact max. 63 V  Operating voltage DC per signal contact max. 63 V  Operating current per power contact max. 16 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no		27060311
customs tariff number 85444290 GTIN 4048879590914 Packaging unit 1  Electrical data   Supply Operating voltage AC per power contact max. 600 V Operating voltage AC per signal contact max. 63 V Operating voltage DC per signal contact max. 63 V Operating current per power contact max. 16 A Operating current per signal contact max. 10 A  Diagnostics Status indication LED no		27060327
GTIN 4048879590914  Packaging unit 1  Electrical data   Supply  Operating voltage AC per power contact max. 600 V  Operating voltage AC per signal contact max. 63 V  Operating voltage DC per signal contact max. 63 V  Operating current per power contact max. 16 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no		
Packaging unit  Electrical data   Supply  Operating voltage AC per power contact max. 600 V  Operating voltage AC per signal contact max. 63 V  Operating voltage DC per signal contact max. 63 V  Operating current per power contact max. 16 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no		
Electrical data   Supply  Operating voltage AC per power contact max. 600 V  Operating voltage AC per signal contact max. 63 V  Operating voltage DC per signal contact max. 63 V  Operating current per power contact max. 16 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no		
Operating voltage AC per power contact max. 600 V Operating voltage AC per signal contact max. 63 V Operating voltage DC per signal contact max. 63 V Operating current per power contact max. 16 A Operating current per signal contact max. 10 A  Diagnostics Status indication LED no	Packaging unit	1
Operating voltage AC per signal contact max. 63 V  Operating voltage DC per signal contact max. 63 V  Operating current per power contact max. 16 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no	Electrical data   Supply	
Operating voltage DC per signal contact max. 63 V  Operating current per power contact max. 16 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no	Operating voltage AC per power contact max.	600 V
Operating current per power contact max.  Operating current per signal contact max.  16 A  Operating current per signal contact max.  10 A  Diagnostics  Status indication LED  no	Operating voltage AC per signal contact max.	63 V
Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no	Operating voltage DC per signal contact max.	63 V
Diagnostics       Status indication LED     no	Operating current per power contact max.	16 A
Status indication LED no	Operating current per signal contact max.	10 A
	Diagnostics	
Installation   Connection	Status indication LED	no
	Installation   Connection	



stay connected

Mating	cvcles	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 riousing  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	P01
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
Freedom from ingredients (jacket)	halogen-free, LABS-free
Outer-diameter (jacket)	11,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	TPE
Amount wires	6
Ingredient freeness wire insulation	halogen-free, LABS-free
Conductor crosssection (wire)	2,5 mm <sup>2</sup>
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)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	60 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Torsion stress	± 15 °/m