

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

PUR 6x1.5 bk UL/CSA+drag chain 40m

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

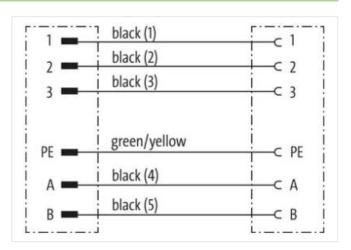
Plastic housings with good resistance against chemicals and oils.

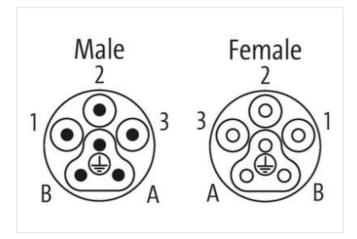
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

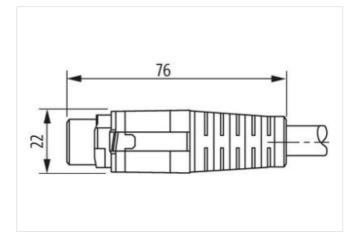
## **Link to Product**

## Illustration

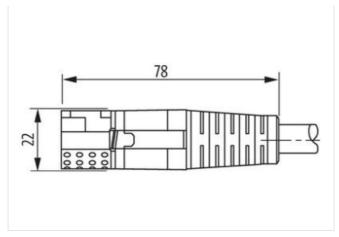












Product may differ from Image

Side 1           Mounting method         inserted, screwed           Coating contact         silver-plated           Family construction form         MO15           Material contact         Copper alloy           No. of poles         6           Side 2           Mounting method         inserted, screwed           Coating contact         silver-plated           Family construction form         MO15           Material contact         Copper alloy           No. of poles         6           Commercial data           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         29060327           ETIM-5.0         ECO01855           Extraction for mushing and provided prov	Cable length	40 m
Coating contact         silver-plated           Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           Side 2           Mounting method         inserted, screwed           Coating contact         silver-plated           Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         40487966783           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.         63 V           Operating current per signal contact max.         63 V	Side 1	
Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           Side 2         Commendation of the construction of the construction of the construction form         MC15           Mounting method         inserted, screwed           Contact         silver plated           Family construction form         MC15           Material contact         Copper alloy           No. of poles         6           Commercial data         Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           Customs tariff number         85444290           GTIN         404887987683           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 uurrent per power contact max.         63 V	Mounting method	inserted, screwed
Material contact         Copper alloy           No. of poles         6           Side 2         Coating contact           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-7.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060327           ETIM-5.0         ECO01855           customs tariff number         85444290           GTIN         4048879687683           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 uortent per signal contact max.         63 V           Operating current per signal contact max.         63 V           Operating current per signal contact max.	Coating contact	silver-plated
No. of poles         6           Side 2           Mounting method         inserted, screwed           Coating contact         silver plated           Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           Commercial date           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060327           ECLIMSS-10.1         4048879687683           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.         63 V     <	Family construction form	MQ15
Mounting method   Inserted, screwed	Material contact	Copper alloy
Mounting method         inserted, screwed           Coaling contact         silver-plated           Family construction form         MC15           Material contact         Copper alloy           No. of poles         6           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060317           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879687683           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 power contact max.         63 V           Operating current per power contact max.         63 V           Operating current per signal contact max.         63 V           Operatin	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-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         4048879687683           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 per oper contact max.         10 A           Diagnostics           Status indication LED         no           Mating cycles min.         500	Side 2	
Family construction form         MQ15           Material contact         Copper alloy           No. of poles         6           Commercial data           ECLASS-6.0           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879687683           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.         63 V           Operating current per signal contact max.         61 A           Diagnostics         Status indication LED         no           Installation   Connection           Mating cycles min.         500	Mounting method	inserted, screwed
Material contact         Copper alloy           No. of poles         6           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC01855           customs tariff number         8544290           GTIN         4048879687683           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           Installation   Connection           Mating cycles min.         500	Coating contact	silver-plated
No. of poles   6	Family construction form	MQ15
ECLASS-6.0   27279218     ECLASS-7.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27060311     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   4048879687683     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.   13 A     Operating current per signal contact max.   10 A     Diagnostics     Status indication LED   no     Installation   Connection     Mating cycles min.   500	Material contact	Copper alloy
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         ECO01855           customs tariff number         85444290           GTIN         4048879687683           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 power contact max.         10 A           Diagnostics           Status indication LED         no           Mating cycles min.         500	No. of poles	6
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879687683           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.         13 A           Operating current per signal contact max.         10 A           Diagnostics           Status indication LED         no           Installation   Connection           Mating cycles min.         500	Commercial data	
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879687683           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.         10 A           Diagnostics         10 A           Status indication LED         no           Installation   Connection           Mating cycles min.         500	ECLASS-6.0	27279218
ECLASS-9.0 27060311  ECLASS-10.1 27060311  ECLASS-11.1 27060311  ECLASS-12.0 27060327  ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879687683  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. 13 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no  Installation   Connection  Mating cycles min. 500	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS-11.1         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879687683           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.         13 A           Operating current per signal contact max.         10 A           Diagnostics         Status indication LED         no           Installation   Connection         500	ECLASS-8.0	27279218
ECLASS-11.1 27060311  ECLASS-12.0 27060327  ETIM-5.0 EC001855  customs tariff number 85444290  GTIN 4048879687683  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. 13 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no  Installation   Connection  Mating cycles min. 500	ECLASS-9.0	27060311
ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879687683           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.         13 A           Operating current per signal contact max.         10 A           Diagnostics           Status indication LED         no           Installation   Connection           Mating cycles min.         500	ECLASS-10.1	27060311
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879687683  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. 13 A Operating current per signal contact max. 10 A  Diagnostics Status indication LED no Installation   Connection Mating cycles min. 500	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879687683  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. 13 A Operating current per signal contact max. 10 A  Diagnostics Status indication LED no Installation   Connection Mating cycles min. 500	ECLASS-12.0	27060327
GTIN 4048879687683  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. 13 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no  Installation   Connection  Mating cycles min. 500	ETIM-5.0	EC001855
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. 13 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no  Installation   Connection  Mating cycles min. 500	customs tariff number	85444290
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. 13 A  Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no  Installation   Connection  Mating cycles min. 500		4048879687683
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. 13 A Operating current per signal contact max. 10 A  Diagnostics Status indication LED no Installation   Connection Mating cycles min. 500	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. 13 A Operating current per signal contact max. 10 A  Diagnostics Status indication LED no Installation   Connection Mating cycles min. 500	Electrical data   Supply	
Operating voltage DC per signal contact max. 63 V Operating current per power contact max. 13 A Operating current per signal contact max. 10 A  Diagnostics Status indication LED no Installation   Connection Mating cycles min. 500	Operating voltage AC per power contact max.	600 V
Operating current per power contact max. 13 A Operating current per signal contact max. 10 A  Diagnostics Status indication LED no Installation   Connection  Mating cycles min. 500	Operating voltage AC per signal contact max.	63 V
Operating current per signal contact max. 10 A  Diagnostics  Status indication LED no  Installation   Connection  Mating cycles min. 500	Operating voltage DC per signal contact max.	63 V
Diagnostics Status indication LED no Installation   Connection Mating cycles min. 500		13 A
Status indication LED no  Installation   Connection  Mating cycles min. 500	Operating current per signal contact max.	10 A
Installation   Connection  Mating cycles min. 500	Diagnostics	
Mating cycles min. 500	Status indication LED	no
	Installation   Connection	
Installation   Pin assignment	Mating cycles min.	500
	Installation   Pin assignment	

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: 2024-04-19



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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 (UL94)	НВ
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	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
Tolerance outer diameter (sheath)	± 5 %
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)  Torsion stress	6,8 x Outer diameter
TOTSION SITESS	± 15 °/m