

## MQ15-X-Power female 0° with cable

PUR 4x2.5 bk UL/CSA+drag chain 3m

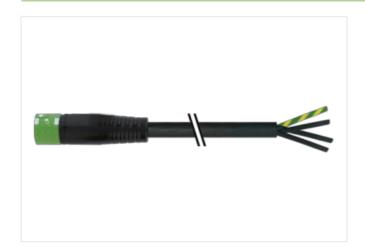
Female straight MQ15, 4-pole without cable sleeves

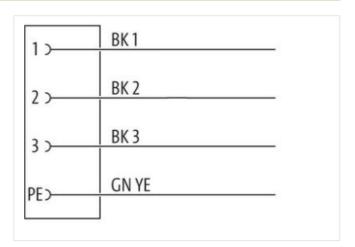
Plastic housings with good resistance against chemicals and oils.

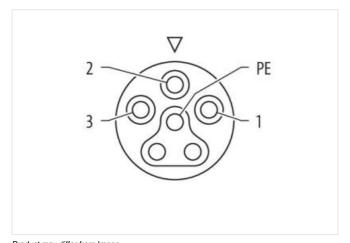
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

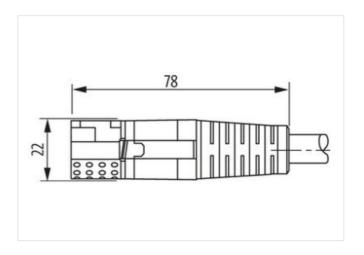
## **Link to Product**

## Illustration









Product may differ from Image

Cable length	3 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		

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: 2024-04-27



stay connected

ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060327	Stripping length (jacket)	30 mm
ECLASS-6.1         27278218           ECLASS-7.0         27278218           ECLASS-8.0         27050327           ECLASS-9.0         27060327           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.2.0         27060327           ETIM 5.0         EC001855           customs ariff number         8444200           GTIN         40487962982           Packaging unit         1           Electrical data [suppty         Perating voltage AC max.           Operating voltage AC max.         600 V           Current operating per contact max.         16 A           Diagnosatics         Silva indication LED           Installation   Connection         16 A           Installation   Connection         500           Installation   Connection         500           Installation   Prince assignment         500           Configuration   Electrical         Formation   Prince and Pri	Commercial data	
ECLASS-7.0         22729218           ECLASS-8.0         22729218           ECLASS-9.0         27069317           ECLASS-10.1         27069311           ECLASS-11.1         27069311           ECLASS-12.0         27069327           ETMIS-3.0         ECO1855           coastorns farill number         85444280           GTN         404870825982           Packaging unit         1           Electrical data   Supply         Poperating per ornate max.           Operating per ornate max.         16 A           Diagnostics         800 V           Status indication LED         no           Installation   Connection         1           Stripping length (acket)         30 mm           Malling cycles min.         500           Installation   Pin assignment         1           Configuration   File interior         fully used           Device protection   Electrical         197           Degree of protection   Electrical         197           Degree of protection   Electrical         197           Degree of protection   Electrical         197           Meter al group (EC 606841)         1           Meter al group (EC 606841)         1           M	ECLASS-6.0	27279218
ECLASS 8.0         27278218           ECLASS 9.0         27068327           ECLASS 10.1         27068311           ECLASS 11.1         27068311           ECLASS 12.0         2709327           ETIM 5.0         EC001855           customs sriff number         8544290           GTIN         404879626982           Packaging unit         1           Electrical data   supply         Operating voltage AC max.           Ourrent operating per contact max.         16 A           Diagnostics         States indication LED           Situes indication LED         no           Installation   Connection         Stropping langit (jacket)           Sifupong langit (jacket)         30 mm           Mining cycles min.         500           Installation   Prin assignment         500           Configuration         fully used           Device protection   Electrical         10           Badicional protection   Electrical	ECLASS-6.1	27279218
ECLASS-10.1         27060331           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ETMA-5.0         ECO01855           customs tariff number         65444290           GTIN         408879825982           Pokading unit         1           Electrical data   Supply           Operating voltage AC max.         600 V           Current operating per contact max.         15 A           Biagnostics         Status indication LED           Status indication LED         no           Installation   Connection         Stripping length (jacket)           Stripping length (jacket)         30 mm           Maring yelse min.         500           Device protection   Electrical         Per Protection   Electrical           Degree of protection   Electrical         Per Protection   Electric	ECLASS-7.0	27279218
ECLASS-10.1         27960311           ECLASS-12.0         27060317           ECLASS-12.0         27060317           ETIM-5.0         EC001855           customs tarff number         65444290           GTIN         4048879625802           Packaging unit         1           Electrical datal Supply         Electrical datal Supply           Operating voltage AC max.         600 V           Current operating per contact max.         16 A           Disagnostics         Status indication LED           Status indication (Connection         no           Installation   Prince Inception (Explay in the supplement)         500           Installation   Prince according to the supplement         500           Configuration         fully used           Degree of protection (EV EC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pullution Degree         3           Rated surge voltage         4 kV           Material proup (EC 6064+1)         1           Mechanical data   Mounting data         Locking techniques           Locking techniques         bayonet-locking           Environmental characteristics   Climatic         Comparing temperature min.         25 °C	ECLASS-8.0	27279218
ECLASS 11.1         27960311           ECLASS 12.0         27960327           FITM-5.0         ECOM855           oustons staff number         85444290           GTIN         4048679625982           Packaging unit         1           Electrical data   Supply         Poperating voltage AC max.           Operating voltage AC max.         600 V           Current operating per contact max.         15 A           District indication LED           Shatus indication   ED         no           Installation   Connection           Shatus indication   ED           Shatus indication   ED           Installation   Connection           Shatus indication   ED           Configuration   Installation   Pin assignment           Configuration   Installation   Pin assignment           Degree of protection   EN IEC (60529)         IP67           Additional condition (EN IEC 60529)         IP67           Additional condition (EN IEC 60529)         IP67           Additional protection (EN IEC 60529)         IP67           Additional protection (EN IEC 60529)         IP67           Additional protection (EN IEC 60529)         <	ECLASS-9.0	27060327
ECIASS 12.0         27060327           ETIM's 0.0         EC001685           customs fairfl member         8544290           GTIN         4048878625882           Packaging unt         1           Electrical datal Supply         Current operating per contact max.         60 V           Current operating per contact max.         16 A           Diagnostics         S           Status indication LED         no           Installation Connection         S           Stipping length (lackot)         30 mm           Making cycles min.         500           Installation I Pin assignment         S           Configuration         buly used           Device protection [Electrical         Used           Device protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated stupe voltage         4 kV           Malerial prouting (EC 60641)         1           Mechanical datal Material data         Very Company (EC 60641)           Mechanical datal Munting data         Looking techniques           Looking techniques         bayonet-looking           Environmental characteristic Climatic         Com	ECLASS-10.1	27060311
ETIM-5.0         EC001855           customs tarif number         85444290           GTIN         4048379625892           Packaging unit         1           Electrical data   Supply         ————————————————————————————————————	ECLASS-11.1	27060311
customs tariff number         85444290           GTIN         4948879625882           Packaging unit         1           Electrical data   Supply           Operaring per contact max.         600 V           Current operating per contact max.         16 A           Diagnostics         Status indication LED           Stripping length (jackel)         30 mm           Marling cycles min.         500           Installation   Pin assignment         500           Configuration         fully used           Device protection   Electrical         1967           Device protection   Electrical         1967           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Additional condition protection degree         4 kV           Mechanical data   Material data         4 kV           Mechanical data   Material data         HB           Material nousing         Plastic           Contractability lass housing (UL94)         HB           Material data   Munting data         25 °C           Locking techniques         bayonet-locking           Environmental characteristics   Climatic         25 °C           Operating temperature max.         60 °C <td>ECLASS-12.0</td> <td>27060327</td>	ECLASS-12.0	27060327
OTIN         4048879625882           Packaging the Packaging will be Electrical data   Supply         600 V           Current operating per contact max.         600 V           Diagnostics         Status indication LED         no           Installation   Connection         Stripping length (jacket)         30 mm           Marting cycles min.         500 c           Installation   Pin assignment         Will used           Device protection   Electrical         We protection   Electrical           Degree of protection (FN IEC 60829)         IP67           Additional condition protection degree         1 services           Pollution Degree         3           Rated surge voltage         4 kV           Material group (IEC 60684-1)         I           Mechanical data   Material data         I           Combustibility class housing (UL94)         HB           Material contact carrier         PA           Mechanical data   Murring data         I           Looking techniques         bayonet-locking           Environmental characteristics   Climatic         V           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identificatio	ETIM-5.0	EC001855
Packaging unit         I           Electrical data   Supply           Operating voltage AC max.         600 V           Current operating per contact max.         16 A           Diagnostics         Status indication LED         no           Instaliation   Connection         Status indication   Connection           Stripping legible (lacket)         30 mm           Mating cycles min.         500           Installation   Pin assignment         Installation   Pin assignment           Configuration         fully used           Device protection   Electrical         Installation   Pin assignment           Device 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         Image:	customs tariff number	85444290
Electrical data   Supply         600 V           Current operating per contact max.         600 V           Diagnostics         600 V           Status indication LED         no           Installation   Connection         Stripping length (tacket)         30 mm           Matting cycles min.         500           Installation   Pin assignment         Foregraphic Market           Obevice protection   Electrical         FP7           Degree of protection (EN IEC 60529)         IP67           Additional condribin protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         4 kV           Material Additional Condition protection degree         1           Mechanical data   Material data         FP           Combusibility class housing (UL94)         HB           Material housing         Plastic           Material dousing data         Looking techniques           Looking techniques         bayonet-looking           Environmental characteristics   Climatic         Cperating temperature min.         25 °C           Operating temperature min.         25 °C         Cperating temperature min.         40 °C           Additional condition lemperature range         depending on cable quality         dependi	GTIN	4048879625982
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 yoles min.         500           Description   Pin assignment           Configuration         fully used           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         3           Rated surge voltage         4 kV           Material group (IEC 60664+1)         1           Mechanical data [Material data         V           Combustibility class housing (UL94)         HB           Material bousing         Plastic           Material bousing         Pa           Mechanical data [Mounting data         V           Looking techniques         bayone-looking           Environmental characteristics   Climatic         Coperating temperature min.         25° C           Operating temperature may         80°C         C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification   As	Packaging unit	1
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Current operating per contact max.         16 A           Diagnostics         Status indication LED         no           Installation   Connection           Stripping length ((acket))         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           Additional condition protection degree         inserted, screwed           Pollution Degree         4 kV           Mechanical data   Material data           Combustibility class housing (UL94)         HB           Mechanical data   Material data           Mechanical data   Mounting data           Locking techniques         bayonel-locking           Environmental characteristics   Climatic           Operating temperature max.         80 °C           Addition   Condition   Emperature range         depending on cable quality           Installation   Cable      <	Operating voltage AC max.	600 V
Diagnostics           Status indication LED         no           Installation J Connection           Stripping length (jacket)         30 mm           Matting cycles min.         500           Installation J 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           Combustibility class housing (UL94)         HB           Mechanical data [Material data           Combustibility class housing (UL94)         HB           Mechanical data [Mounting data           Looking temperature data (mounting data           Looking temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         80 °C           Additional condition temperature range         despending on cable quality           Installati		
Status indication LED         no           Installation   Connection         Stripping length (jacket)         30 mm           Mating cycles min.         500 o           Installation   Pin assignment         Formation         Fully used           Device protection   Electrical           Degree of protection (Electrical         IP67         Additional condition protection degree         1867           Oblitation Degree         3         3         Action (page 2)         3         Research (page 2)         4 kV           Material group (IEC 60664-1)         1         2         1         2         1         2         1<		
Installation (Connection           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)         HB           Material housing         Plastic           Mechanical data   Mounting data           Looking techniques         bayonet-locking           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		
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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 (IU.94)         HB           Material contact carrier         PA           Mechanical data   Mounting data           Looking techniques         bayonet-locking           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature man.         80 °C         Operating temperature man.         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           No. of bending cycles (C-track)         5 Mio.           Material jacket	Installation   Connection	
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)         I           Mechanical 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         depending on cable quality           Installation   Cable         Cable identification           Dasket Color         black           wire arrangement         black 1, black 2, black 3, green-yellow           No. of bending cycles (C-track)         5 Mio.           Material gracket         PUR           Freedom from ingredients (jacket)         9 mm <tr< td=""><td>Stripping length (jacket)</td><td>30 mm</td></tr<>	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           Material group (IEC 60664-1)         1           Mechanical data   Material data         Image: Im	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 606841)   I  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   P03  Jacket Color   black   black 1, black 2, black 3, green-yellow   No. of bending cycles (C-track)   5 Mio.  Material jacket   PUR  Freedom from ingredients (jacket)   9 mm  Tolerance outer diameter (sheath)   ±5 %	Installation   Pin assignment	
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 606841)   I  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   P03  Jacket Color   black   black 1, black 2, black 3, green-yellow   No. of bending cycles (C-track)   5 Mio.  Material jacket   PUR  Freedom from ingredients (jacket)   9 mm  Tolerance outer diameter (sheath)   ±5 %	Configuration	fully used
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Pollution Degree         3           Rated surge voltage         4 kV           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           Coperating 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           No. of bending cycles (C-track)         5 Mio.           Material jacket         PUR           Freedom from ingredients (jacket)         halogen-free, LABS-free           Outer-diameter (jacket)         9 mm           Tolerance outer diameter (sheath)         ± 5 %		
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-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  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %		
Material group (IEC 60664-1)  Mechanical data   Material data  Combustibility class housing (UL94)		
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       P03         Jacket Color       black 1, black 2, black 3, green-yellow         No. of bending cycles (C-track)       5 Mio.         Material jacket       PUR         Freedom from ingredients (jacket)       halogen-free, LABS-free         Outer-diameter (jacket)       9 mm         Tolerance outer diameter (sheath)       ± 5 %		
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  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %		<u>'</u>
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  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %	Mechanical data   Material data	
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  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %	Combustibility class housing (UL94)	НВ
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  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %	Material housing	Plastic
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  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %	Material contact carrier	PA
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  black wire arrangement  black 1, black 2, black 3, green-yellow  No. of bending cycles (C-track)  Material jacket  PUR  Freedom from ingredients (jacket)  halogen-free, LABS-free  Outer-diameter (jacket)  9 mm  Tolerance outer diameter (sheath)  ± 5 %	Mechanical data   Mounting data	
Operating temperature min.  -25 °C  Operating temperature max.  80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification P03  Jacket Color black wire arrangement black 1, black 2, black 3, green-yellow  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Freedom from ingredients (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %	Looking techniques	bayonet-locking
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  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Freedom from ingredients (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %	Environmental characteristics   Climatic	
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  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %	•	-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  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %		
Cable identification P03  Jacket Color black wire arrangement black 1, black 2, black 3, green-yellow  No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %		
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Material wire insulation TPE		
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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: 2024-04-27



stay connected
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Amount wires	4
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)	-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
Torsion stress	± 15 °/m