

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

PUR 4x1,5 bk UL/CSA+drag chain 2m

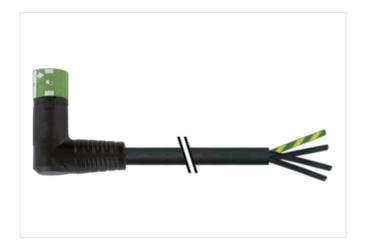
Female 90° MQ15, 4-pole without cable sleeves

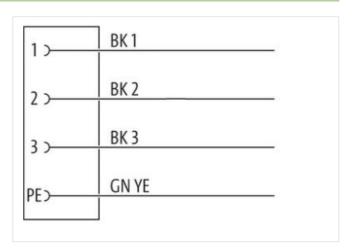
Plastic housings with good resistance against chemicals and oils.

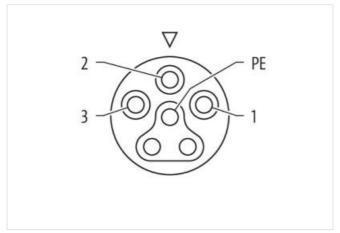
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

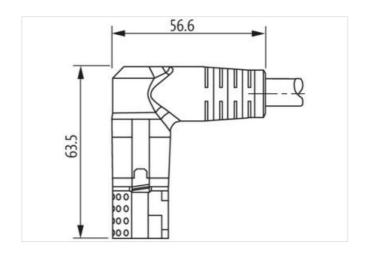
## **Link to Product**

## Illustration









Product may differ from Image

Cable length	2 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-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060327           ECLASS-10.1         27060311           ECLASS-11.1         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879624909           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         600 V           Current operating per contact max.         13 A           Diagnostics         status indication LED         no           Status indication LED         no           Stripping length (jacket)         30 mm	Stripping length (jacket)	30 mm
ECLASS 6 1         2779718           ECLASS 7.0         2779918           ECLASS 9.0         27690327           ECLASS 9.0         27690311           ECLASS 11.1         27090311           ECLASS 11.1         27090311           ECLASS 11.1         27090311           ECLASS 12.0         27000327           ETIM-5.0         EC001955           customs sarif number         8544290           GTN         404879524909           Packagn punt         1           Electrical data [supply           Operating voltage AC max.         600 V           Current operating per context max.         13 A           Diagnosatics         1           Status indication LED         no           Installation [Connection         500           Installation [Connection         500           Installation [Prince sept.]         500           Installation [Prince sept.]         500           Installation [Prince sept.]         180           Additional condition protection (EN IEC 60029)         180           Pollution Degree of protection (EN IEC 60029)         19c           Additional condition protection data         19c           Machinerial grucium (EC 60064+1)	Commercial data	
ECLASS-7.0         2272018           ECLASS-8.0         2272018           ECLASS-9.0         27060317           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060327           ECLASS-12.0         EC01855           Coustoms tariff number         8544280           GTIM         4048478824909           Pockaging unit         1           Electrical data   Supply         Poperating voltage AC max.         600 V           Current operating per contact max.         13 A           Diagnostics           Status indication LED         no           Installation   Connection           Status indication   Fundamental processor in the processor	ECLASS-6.0	27279218
ECLASS 8.0         27273218           ECLASS 9.0         27068321           ECLASS 1.1.1         27068311           ECLASS 1.1.1         27068311           ECLASS 1.2.0         2700322           ETIM 5.0         EC001955           customs sainf number         85444290           GTIN         404877624099           Packaging unt         1           Electrical data [suppty         ————————————————————————————————————	ECLASS-6.1	27279218
ECLASS-0.0         27060331           ECLASS-10.1         27060311           ECLASS-11.4         27060311           ECLASS-12.0         27060327           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         408879824909           Pockaging unit         1           Electrical data   Supply           Operating voltage AC max.         600 V           Current operating per contact max.         13 A           Diagnostics         Stratus indication LED           Stratus indication LED         no           Installation   Connection         Stratus indication   Final single max	ECLASS-7.0	27279218
ECLASS-10.1         27960311           ECLASS-12.0         27060317           ETIM-5.0         EC001855           Customs faiff number         65442890           GTIN         4048879624809           Packaging unit         1           Electrical fatal Supply         Electrical fatal Supply           Operating voltage AC max.         600 V           Current operating per contact max.         13 A           Plagnostics         Status indication LED           Status indication (Connection         mo           Installation (Connection         500           Installation (Pin assignment         500           Confligoration         fully used           Degree of protection (Electrical         500           Powice protection (Electrical         500           Powillian Degree         3           Rated surge voltage <td>ECLASS-8.0</td> <td>27279218</td>	ECLASS-8.0	27279218
EGLASS 11.1         27960311           EGLASS 12.0         27960327           ETIM-5.0         EC001855           customs tallf number         85444290           GTIN         408879624909           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         600 V           Current operating per contact max.         13 A           Dispositios           Status indication LED         no           Installation   Connection           Silvaging length (sckek)         30 mm           Medication LED (Exchical)           Operating voltage in:           Installation   Pin assignment           Configuration           Utility used           Degree of protection (EN IEC 60529)         PB F           Additional condition (EN IEC 60529)         PB F           Paleution Degree         3           Rated surge voltage         4 kV           Material data (Image voltage)           Value of paleuting (Image voltage)           Material data (Image voltage)           Value voltage (Image voltage) <t< td=""><td>ECLASS-9.0</td><td>27060327</td></t<>	ECLASS-9.0	27060327
ECIASS 12.0         27060327           ETIM 5.0         EC001805           customs fariff number         8544290           GTIN         4048879624909           Packaging unit         1           Electrical datal Supply         Current operating per contact max.           Operating per contact max.         13 A           Diagnostics         Status indication LED           Installation Connection         no           Installation Connection         500           Installation I prin assignment         500           Configuration         500           Installation I prin assignment         500           Configuration         fully used           Device protection I Electrical         500           Device protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         4 kV           Material surge voltage         4 kV           Material protect facts in Material data         1           Combustibility class housing (UL94)         HB           Material protect carrier         pA           Mechanical datal Mounting data         1           Looking b	ECLASS-10.1	27060311
ETIM-5 0         EC001855           customs staff number         85444290           GTIN         404897624099           Packaging unit         1           Electrical data   Supply         Current operating ber contact max.           Operating voltage AC max.         600 V           Diagnostice         Status indication LED           Stripping length (jacket)         30 mm           Mating cycles min.         500           Device protection   Pin assignment         Totaliation   Pin assignment           Device of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated suge voltage         4 kV           Material found (JEC 6064-1)         I           Mechanical data   Material data         I           Combustibility class housing (ULB4)         HB           Material contact carrier         PA           Mechanical data   Mounted to temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature max.         80 °C           Additional condition temperature max.         80 °C           Cable identification   Experiture (Service)         5 Mio.	ECLASS-11.1	27060311
customs tariff number         85444290           GTIN         4048879624909           Packaging unt         1           Electrical data   Supply         600 V           Current operating per centact max.         13 A           Diagnostics         Status indication LED           Status indication (Connection         1           Stripping length (lacket)         30 mm           Marting cycles min.         500           Installation   Pin assignment         600 V           Confligation         fully used           Device protection   Electrical         1           Device protection (EN IEC 06029)         1P67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         4 kV           Metherial group (IEC 60064-1)         1           Metherial data   Material data         1           Convosability lass browing (UL94)         HB           Material contact carrier         PA           Mechanical data   Mounting data         1           Looking techniques         bayonet-locking           Environmental characteristics   Climatic         25 °C           Operating imperature min.         25 °C	ECLASS-12.0	27060327
GTIN         4048879624909           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         600 V           Current operating per contact max.         13 A           Diagnostics           Status indication LED         no           Installation   Connection         Stubs indication   Connection           Stripping length (jackel)         30 mm           Malting cycles min.         500           Installation   Pin assignment         Configuration           Device protection   Electrical         Very Protection   Pin assignment           Device of protection (RN IEC 60829)         1P67           Additional condition protection degree         3           Pollution Degree         3           Releast surge voltage         4 kV           Material group (IEC 60864-1)         I           Mechanical data   Mounting data         I           Combustibility class housing UL94)         HB           Material bousing beginners and protection degree         Plastic           Mechanical data   Mounting data         I           Looking techniques         bayonet-looking           Environmental characteristics   Climatic         Pin Company (possional properature max.         90 °C </td <td>ETIM-5.0</td> <td>EC001855</td>	ETIM-5.0	EC001855
Packaging until         I           Electrical data   Supply           Operating voltage AC max.         600 V           Current operating per contact max.         13 A           Diagnostics         Status indication LED         no           Installation   Connection         Stropping longibit (jackot)         30 mm           Mating cycles min.         500           Installation   Pin assignment         Using supple of protection   Electrical           Device protection   Electrical         Using supple of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3         3           Rated surge voltage         4 kV           Material group (IEC 606641)         I           Mechanical data   Material data         I           Combusibility class housing (UL94)         HB           Material contact carrier         Pa           Mechanical data   Munting data         I           Environmental characteristics   Climatic         I           Deparating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending	customs tariff number	85444290
Electrical data   Supply         600 V           Operating voltage AC max.         600 V           Current operating per contact max.         13 A           Disagnostics         Image: Im	GTIN	4048879624909
Operating voltage AC max.         600 V           Current operating per contact max.         13 A           Diagnostics           Status indication LED         no           Installation   Connection         Stripping length (jacket)         30 mm           Maring yoles min.         500           Description   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 pour (IEC 60664+1)         IB           Material pour (IEC 60664+1)         Plastic           Material bousing         Plastic           Material pour (IEC 60664+1)         Plastic           Material poursing temperature in         25 °C           Mechanical data   Mounting data         Image:	Packaging unit	1
Current operating per contact max.         13 A           Diagnostics         Status indication LED         no           Installation   Connection           Stripping length (gacket)         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           Attention of the protection of the p	Electrical data   Supply	
Current operating per contact max.         13 A           Diagnostics         Status indication LED         no           Installation   Connection           Stripping length (gacket)         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           Attention of the protection of the p	Operating voltage AC max.	600 V
Diagnostics           Status indication LED         no           Institution J Connection           Stripping length (jacket)         30 mm           Mating cycles min.         500           Institution 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           Combusibility class housing (UL94)         HB           Mechanical data [Material data]           Combusibility class housing (UL94)         HB           Mechanical data [Mounting data           Environmental characteristics [Climatic           Operating temperature min.         -25 °C           Operating temperature min.         -26 °C		
Statis indication LED         no           Installation   Connection         Stropping length (jacket)         30 mm           Mating cycles min.         500 0           Installation   Pin assignment         Feature of Multy used           Device protection   Electrical         Feature of protection (Electrical Section Section (Electrical Section		
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           Insertion of the limit of limit of the limit of limit of the limit of th		
Stripping length (jacket)         30 mm           Mating cycles min.         500           Installation   Pin assignment         Configuration         fully used           Device protection   Electrical         Degree of protection (En IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         4 kV           Metarial group (IEC 606841)         I           Mechanical data   Material data         Combustibility class housing (UL94)         HB           Material contact carrier         PA           Metarial 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         P02           Jacket Color         black           vive arrangement         black 1, black 2, black 3, green-yellow           No. of bending cycles (C-track)         5 Mio.		no
Mating cycles min.         500           Installation   Pin assignment         fully used           Device protection   Electrical         Fermany Pin	Installation   Connection	
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           Metarial group (IEC 60664-1)         1           Mechanical data   Material data           Combustibility class housing (UL94)         HB           Material contact carrier         PA           Mechanical data   Mounting data           Looking techniques         bayonet-looking           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         P02           Jacket Color         black           wire arrangement         black 1, black 2, black 3, green-yellow           No. of bending cycles (C-track)         5 Mio.           Material gracket         PUR	Stripping length (jacket)	30 mm
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)         1           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         PO2           Jacket Color         black           Vaice arrangement         black 1, black 2, black 3, green-yellow           No. of bending cycles (C-track)         5 Mio.           Material Jacket         PUR           Freedom from ingredients (jacket)         Ablogen-free, LABS-free           Outer-diameter (jacket)         7,4 mm	Mating cycles min.	500
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 60684-1)         1           Mechanical data   Material data           Combustibility class housing (UL94)         HB           Material housing         Plastic           Material contact carrier         PA           Mechanical data   Mounting data           Looking techniques         bayonet-locking           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification         P02           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-dia	Installation   Pin assignment	
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 60684-1)         1           Mechanical data   Material data           Combustibility class housing (UL94)         HB           Material housing         Plastic           Material contact carrier         PA           Mechanical data   Mounting data           Looking techniques         bayonet-locking           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification         P02           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-dia	Configuration	fully used
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 nousing         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         P02           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)         7,4 mm           Tolerance outer diameter (sheath)         ± 5 %		
Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         4 kV           Material group (IEC 60664-1)         I           Mechanical data   Material date         Combustibility class housing (UL94)         HB           Material housing         Plastic           Material contact carrier         PA           Mechanical data   Mounting data         Looking techniques           Looking techniques         bayonet-locking           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification         P02           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)         7,4 mm           Tolerance outer diameter (sheath)         ± 5 %		
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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 min25 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification Jacket Color wire arrangement black 1, black 2, black 3, green-yellow  No. of bending cycles (C-track) S Mico  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) Tolerance outer diameter (sheath)  ± 5 %		
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 P02  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) 7,4 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 P02  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) 7,4 mm  Tolerance outer diameter (sheath) ± 5 %		1
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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 P02  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) 1,4 mm  Tolerance outer diameter (sheath) ± 5 %	Combustibility class housing (UL94)	HB
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 PO2  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) 7,4 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 P02  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) 7,4 mm  Tolerance outer diameter (sheath) ± 5 %	Material contact carrier	PA
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 P02  Jacket Color black wire arrangement black 1, black 2, black 3, green-yellow  No. of bending cycles (C-track) S Mio.  Material jacket PUR  Freedom from ingredients (jacket) Alogen-free, LABS-free  Outer-diameter (jacket) 7,4 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 P02  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) 7,4 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 P02  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) 7,4 mm  Tolerance outer diameter (sheath) ± 5 %	Environmental characteristics   Climatic	
Operating temperature max.  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification P02  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) 7,4 mm  Tolerance outer diameter (sheath) ± 5 %	·	25.00
Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification P02  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) 7,4 mm  Tolerance outer diameter (sheath) ± 5 %	<u> </u>	
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Cable identification P02  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) 7,4 mm  Tolerance outer diameter (sheath) ± 5 %	· -	acpointing on cable quality
Jacket Colorblackwire arrangementblack 1, black 2, black 3, green-yellowNo. of bending cycles (C-track)5 Mio.Material jacketPURFreedom from ingredients (jacket)halogen-free, LABS-freeOuter-diameter (jacket)7,4 mmTolerance outer diameter (sheath)± 5 %		
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) 7,4 mm  Tolerance outer diameter (sheath) ±5%		
No. of bending cycles (C-track) 5 Mio.  Material jacket PUR  Freedom from ingredients (jacket) halogen-free, LABS-free  Outer-diameter (jacket) 7,4 mm  Tolerance outer diameter (sheath) ± 5 %		
Material jacketPURFreedom from ingredients (jacket)halogen-free, LABS-freeOuter-diameter (jacket)7,4 mmTolerance outer diameter (sheath)± 5 %		
Freedom from ingredients (jacket) halogen-free, LABS-free Outer-diameter (jacket) 7,4 mm Tolerance outer diameter (sheath) ± 5 %		
Outer-diameter (jacket) 7,4 mm  Tolerance outer diameter (sheath) ± 5 %		
Tolerance outer diameter (sheath) ± 5 %		· · · · · · · · · · · · · · · · · · ·
Material wire insulation TPE		
	Material wire insulation	IPE

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Amount wires	4
Ingredient freeness wire insulation	halogen-free, LABS-free
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)	10 x Outer diameter
Torsion stress	± 15 °/m