

MQ15 female 0° with cable 600V AC type 3

PUR 4x2.5 bk UL/CSA+drag ch. 37m

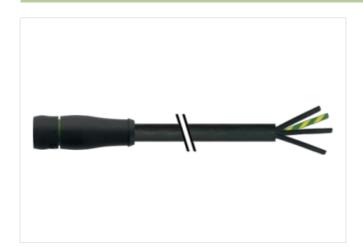
Female straight MQ15, 4-pole with cable sleeves

Plastic housings with good resistance against chemicals and oils.

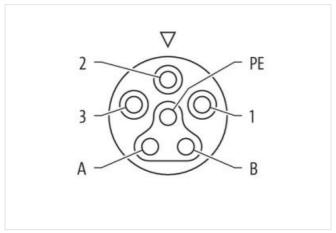
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

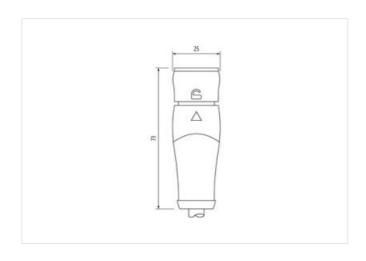
Link to Product

Illustration









Product may differ from Image











Cable length

37 m

Side 1

Mounting method inserted, locked



stay connected

Coating contact	silver-plated
Family construction form	MQ15
suitable for corrugated tube (internal Ø)	18 mm
Material contact	Copper alloy
No. of poles	4
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Stripping length (jacket)	100 mm
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-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909091920
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	600 V
Current operating per contact max.	16 A
Diagnostics	
Status indication LED	no
Installation Connection	•••
Stripping length (jacket)	100 mm
Installation Pin assignment	
Coding	Type 3
Configuration	partly used
Device protection Electrical	
Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage	6 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Material housing	PUR
Material contact carrier	PA
Locking material	POM
Mechanical data Mounting data	
Looking techniques	bayonet-locking
Environmental characteristics Climatic	
Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	IEC 61076-2-116
i iouuci siaiiuaiu	ILO 01070-2-110



stay connected

Printing color of wire insulation	Cable identification	P36
Jacket Color	Cable Type	3
Type of Certificate	Printing color of wire insulation	white (isolation black)
Amount stranding 1 Stranding 4 wires twisted wire arrangement green-yellow, black 3, black 2, black 1 Cable weigh 201,3 g/m Material jacket PPR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 100 ± 6 Shore A Freedom from ingredients (jacket) 100 ± 6 Shore A Freedom from ingredients (jacket) 100 ± 6 Shore A Freedom from ingredients (jacket) 100 ± 6 Shore A Freedom from ingredients (jacket) 100 ± 6 Shore A Freedom from ingredients (jacket) 100 ± 5 Sh Material wire insulation PP Material wire insulation PP Material wire insulation PP Material wire insulation 2, 28 mm Outer diameter forterance core insulation 50 ± 5 Shore B Shore hardness wire insulation 100 ± 2.5 Shore B Ingredient freeness wire insulation white (jackiet) 100 ± 5 Shore B Ingredient freeness wire insulation white (jackiet) 100 ± 5 Shore B Ingredient freeness wire insulation white (jackiet) 100 ± 5 Shore B Ingredient freeness wire insulation white (jackiet) 100 ± 5 Shore B Ingredient freeness wire insulation white (jackiet) 100 ± 5 Shore B Ingredient freeness wire insulation white (jackiet) 100 ± 5 Shore B Ingredient freeness wire insulation white (jackiet) 100 ± 5 Shore B Ingredient freeness wire insulation white (jackiet) 100 ± 5 Shore B Ingredient freeness wire insulation white (jackiet) 100 ± 5 Shore B Ingredient freeness wire insulation white (jackiet) 100 ± 5 Shore B Ingredient freeness wire insulation 100 ± 5 Shore B Ingredient freeness wire insulation 100 ± 5 Shore B Ingredient freeness wire insulation 100 ± 5 Shore B Ingredient freeness wire insulation 100 ± 5 Shore B Ingredient freeness wire insulation 100 ± 5 Shore B Ingredient freeness wire insulation 100 ± 5 Shore B Ingredient freeness wire insulation 100 ± 5 Shore B Ingredient freeness wire insulation 100 ± 5 Shore B Ingredient freeness wire insulation 100 ± 5 Shore B Ingredient freeness wire insulation 100 ± 5 Shore B Ingredient freeness wire insulation 100 ± 5 Shore B Ingredient freeness wire insulation 100 ± 5 Shore B Ingredient freeness wire insulation 100	Jacket Color	black
Stranding	Type of Certificate	cURus
wire arrangement green yellow, black 3, black 2, black 1 Gable weight 201.3 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Cluer-diameter [jacket] 8,7 mm Toterance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,85 mm Outer diameter insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation white (solation black) Annount airrands (wire) 140 Diameter of single wires 0,15 mm Conductor or Secondarion (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) 5 mm² Conductor or year (Free, Cardex) Traversing distance (C-track) 5 m ½ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to D IN VDE 0298-4 Electrical resistance bine constant wire	Amount stranding	1
Cable weigh 201.3 g/m Material jacket PUR Shore hardness jacket 90 ± 5 shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2.85 mm Outer diameter insulation 60 ± 5 shore D Ingredient freeness wire insulation 60 ± 5 shore D Ingredient freeness wire insulation kead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation khite (solation black) Amount strands (viere) 140 Diameter of single wires 0,15 mm Conductor or sessection (wire) 2,5 mm² Amount strands (viere) 140 Diameter of single wires 0,15 mm Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0288-4 Current load capacity (standard) to DIN VDE 080 s	Stranding	4 wires twisted
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) leaf free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 8,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amustrial wire insulation 2,85 mm Outer diameter foreance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation white (jaclation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor rossection (wire) 2,5 mm² Material conductor virie Stranded copper wire, bare Conductor type (wire) 2,5 mm² Material conductor virie Stranded dopper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Max. operating temperature (static) 40 °C °C 100000 h Operation	wire arrangement	green-yellow, black 3, black 2, black 1
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer diameter (jacket) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,85 mm Outer diameter tolerance core insulation 50 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25° C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to New @ 20° C AC withstand voltage (wire - wire) 10 kW @ 60 s	Cable weigth	201,3 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 8,7 mm Toferance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,85 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of slight wires 0.15 mm Conductor crossection (wire) 2.5 mm² Material conductor wire Stranded copper wire, bare Conductor ype (wire) strand dass 6 Traversing distance (C-track) 5 m @ 25 °C Nominal vollage AC max. 1000 V Current load capacity (standard) 10 DIN VIE 0298-4 Current load capacity (wire wire) 10 kV @ 60 s Power frequency withstand voltage (wire vire) 10 kV @ 60 s Power frequency withstand voltage (wire vire) 10 kV @ 60 s Operat	Material jacket	PUR
Outer-diameter (jacket) 8,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation 2,85 mm Outer diameter insulation 2,85 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity rim: wire 20,8 A Electrical resistance line constant wire 8 0 km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Goezal in perperature (fixed) 50 °C	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,85 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 46 € 5 Shore D Ingredient freeness wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0.15 mm Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) 10 IN VDE 0298-4 Current load capacity wink. wire 20.8 A Electrical resistance line constant wire 8 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - injacker) 10 kV @ 60 s Min. operating temperature (static) 80 °C / 90 °C @ 10000 h Operation O	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Material wire insulation PP Amount wires 4 Outer diameter insulation 2,85 mm Outer diameter tolerance core insulation 60 ± 5 Shore D Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation white (isolation black) Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor rossesection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 2094.4 Current load capacity (wire wire) 20,8 A Electrical resistance line constant wire 80 R/m @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Min. operating temperature (fixed) 90 °C 90 °C@ 10000 h Operation Operating temperature (fixed) 80 °C / 90 °C@ 10000 h Ope	Outer-diameter (jacket)	8,7 mm
Amount wires 4 Outer diameter insulation 2,85 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor (yee) (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire) 2,8 A Electrical resistance line constant wire 8 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire) 10 kV @ 60 s Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 2.5 °C Operating temperature max. (dynamic) 10 kV @ 60322-1.2 U	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 2,85 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation white (isolation black) Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor or sessection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298 · 4 Current load capacity min. wire 20,8 A Electrical resistance line constant wire 8 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C More of preparature min. (dynamic) 2-25 °C Operating temperature min. (dynamic) 2-50 °C <	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - vire) 10 kV @ 60 s Power frequency withstand voltage (wire - vire) 10 kV @ 60 s Power frequency withstand voltage (wire - vire) 10 kV @ 60 s Max. operating temperature (static) 50 °C Max. operating temperature min. (dynamic) 25 °C Operating temperature min. (dynamic) 25 °C UV resistance DIN EN ISOS 4892-2 A Flame resista	Amount wires	4
Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadminum-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 10 kV @ 60 s Electrical resistance line constant wire 8 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (ixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (ixed) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A <td>Outer diameter insulation</td> <td>2,85 mm</td>	Outer diameter insulation	2,85 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0.15 mm Conductor crosssection (wire) 2.5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 40 kV @ 60 s Power frequency mithstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Power frequency	Outer diameter tolerance core insulation	±5%
Printing color of wire insulation white (isolation black) Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 100 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 10 kV @ 60 s Electrical resistance line constant wire 8 Dkm @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Min. operating temperature (static) 50 °C Min. operating temperature (static) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 25 °C Operating temperature max. (dynamic) 25 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline res	Shore hardness wire insulation	60 ± 5 Shore D
Amount strands (wire) 140 Diameter of single wires 0,15 mm Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 20,8 A Electrical resistance line constant wire 10 kV @ 60 s Power frequency withstand voltage (wire - 10 kV @ 60 s Power frequency withstand voltage (wire - 50 °C Max. operating temperature (static) 50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion sycles 2 Mio. Torsion stress ± 180 °/m	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires 0.15 mm Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 20,8 A Electrical resistance line constant wire 8 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance DIN EN 60811-404 <td>Printing color of wire insulation</td> <td></td>	Printing color of wire insulation	
Diameter of single wires 0.15 mm Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 20,8 A Electrical resistance line constant wire 8 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - igacket) 10 kV @ 60 s Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN R IN SO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C <th< td=""><td>Amount strands (wire)</td><td>140</td></th<>	Amount strands (wire)	140
Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m@ 25° C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 20,8 A Electrical resistance line constant wire 8 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter <	Diameter of single wires	0,15 mm
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 20,8 A Electrical resistance line constant wire 8 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gil resistance DIN EN 60811-404 Bending radius (fixed) 7,5 × Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C <td></td> <td>2.5 mm²</td>		2.5 mm ²
Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 20,8 A Electrical resistance line constant wire 8 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - ijacket) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) 30 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 7,5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C		Stranded copper wire bare
Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 20,8 A Electrical resistance line constant wire 8 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles ± 180 °/m		
Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 20,8 A Electrical resistance line constant wire 8 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - inck) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m		
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Current load capacity min. wire 20.8 A Electrical resistance line constant wire 8 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-1-2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m		
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No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (dynamic)	· · · · · · · · · · · · · · · · · · ·
No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Travel speed (C-track)	5 Mio. @ 25 °C
Torsion stress ± 180 °/m	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min	Torsion stress	± 180 °/m
	Torsion speed	35 cycles/min