

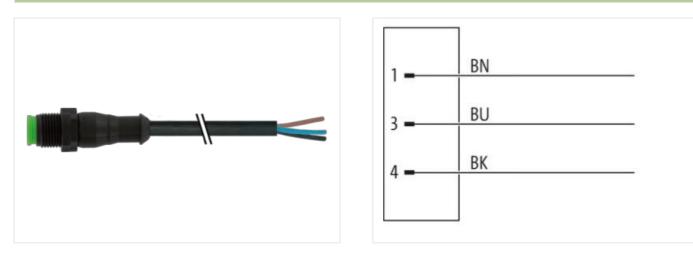
M12 male 0° A-cod. with cable Lite

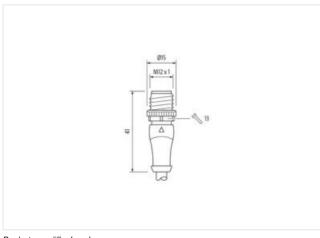
PUR 3x0.34 bk UL/CSA+drag ch. 1.5m

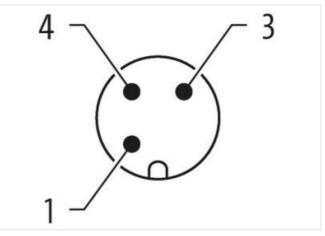
Male straight M12, 3-pole 7005 - plastic hexagonal screw (M12 Lite) with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length 1,5 m

 Side 1

 Tightening torque
 0,6 Nm

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: 2024-04-30

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Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879110532
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Material housing	PUR
Locking material	PA
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Conformity	
rmation in this Product PDE has been compiled with the	

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Product standard ------

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DIN EN 61076-2-101 (M12)

Cable Animitation831Cable Type9Cable Type9Cable Type0PUsAmount stranding1Stranding1Stranding1Stranding1Cable weigh29.7 g/mCable weigh29.7 g/mMaterial jacketPUFStranding in an expression50.5 StrandingCable weigh29.7 g/mMaterial jacketPUFStranding in genetic galaxityIsea-Stee, cadmum-free, CFC-free, halogen-free, silicone-freeCuber diamotic globability1.5 %Material jacket9.1 5 %Cuber diamotic globability1.5 %Material wire instalation7.9 5 %Cuber diamotic globability1.25 mmCuber diamotic freenesse wire instalation7.0 5 % Strone DIngredient freenesse wire instalation7.0 5 5 Strone DIngredient freeneses wire instalation7.0 5 5 Strone DIngredient freenesse wire instalation7.0 5	Installation Cable	
Jackst Ookr black Type of Cartificate cURus Amount stranding 1 Stranding 3 wires wielad wire arrangement bows, black, blue Cable weight 29.7 g/m Material jacket PUR Stranding incode 90.5 Shore A Freedom from ingredents jacket) 1ead-tea, codmum-free, CFC-tree, halogen-free, silicone-free Outer diameter (sheath) ± 5 %. Material jacket PUR Stranding wei insulation PP Amount wires 3 Outer diameter (sheath) ± 5 %. Material wei insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.86 %. Norant strand, (wire) 42 Diameter of single wires 0.1 mm Canductor crosssection (wire) 0.34 mm² Material conductor wire S-7 D/km @ 25 °C Traversing distance line constant wire S7 D/km @ 25 °C Conductor typio (wire) 0.34 mm²	Cable identification	633
Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted Weire arrangement brown, black, blue Cable weigth 28.7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (ajcket) 4.1 mm Tolerance outer diameter (ajcket) 4.1 mm Tolerance outer diameter (ajcket) 1.25 mm Outer diameter insulation 1.26 mm Diameter of single wires 0.1 mm Conductor visces wire insulation 1.06 m/dig. 26 cTc Traversing distance (Cruck) 10 m/dig. 28 cC Conductor visces action (wire) 5.7 (Mm @ 20 °C Conductor visces action (wire) 0.1 Mim. 28 cC	Cable Type	3
Anount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 29.7 g/m Matorial jacket 90.5 Shore A Freedom from ingredients (jacket) lead-free, cadmum-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4.1 mm Tolerance outer diameter (sheath) 2.5 % Material wire insulation FP Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 Shore D Torshore hardness wire insulation 1.25 Shore D Ingredient Freeness wire insulation 1.25 Shore D Ingredient Freeness wire insulation 1.25 Shore D Industrial ging wires 0.1 mm Conductor prossection (wire) 0.34 mm ² Material ging wires 0.1 mm Conductor type (wire) strand class 6 No. of banding cycles (C-track) 10 Mic @ 25 °C Traversing distance (Freck) 10 m @ 25 °C (Inorizontal Current load capacity Imm, wire 6 A Electrical resistance Im	Jacket Color	black
Stranding 3 wires twisted wire arrangement brown, black, blae Cable weigh 29,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredents (jacket) lead-Hee, cadmium-free, CPC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.1 mm Tolerance outer diameter (hearth) ± 5 % Material wire insulation 1.25 mm Outer diameter insulation 1.25 mm Conductor crosseedion (wire) 0.34 mm ² Diameter of single wires 0.1 mm Conductor vise Stranded copper wire, bare Conductor vise (wire) 0.34 mm ² Conductor vise (wire) 0.34 mm ² Conductor wire Stranded sopacity (wire)	Type of Certificate	cURus
wire arrangement brown, black, blue Cable weight 29,7 g/m Material jackt PUR Shore hardness jackel 90 ± 5 Shore A Freedom from ingredients (jacket) lead-tree, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (sleakt) 4,1 nm Tolerance outer (diameter (sheath) ± 5 % Material jackt PP Amount wires 3 Outer diameter (relevance core insulation 1.25 mm Outer diameter (relevance core insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 10 ± 5 % Mount strands (wire) 42 Diameter of single wires 0,1 mm Canductor ressection (wire) 0.34 mm² Material conductor wire Strand class 6 No. of bending cycles (C+track) 10 Mio. @ 25 °C Traversing distance (C-track) 10 Mio. @ 25 °C Carnet toal capacity (istandard) to DIN VDE 62864 Current toal capacity (istandard) to DIN VDE 62864 Current toal capacity (istandard) to DIN VDE 62	Amount stranding	1
Gable weight 29,7 g/m Material jacket PUR Shohe hardness jackid 90 2 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.1 mm Tolerance outer diameter (sheath) 4.5 %. Material wire insulation PP Anount wires 3 Outer diameter insulation 1.25 mn Outer diameter insulation 7.9 ± 5 Shore D Ingredient freeness wire insulation 1.25 mn Outer diameter insulation 7.9 ± 5 Shore D Ingredient freeness wire insulation 1.25 mm Conductor strosses wire insulation 1.24 mm ² Diameter of single wires 0,1 mm Conductor type (wire) 42 Diameter of single wires 0,1 mm Conductor type (wire) stranded copper wire, bare Conductor type (wire) stranded copper (wire, carand) <t< td=""><td>Stranding</td><td>3 wires twisted</td></t<>	Stranding	3 wires twisted
Material jacket PUH Shore hardness jacket 90 ± 5 Shore A Freedom Tom ingredients (jacket) lead Aree, cadmium-free, CFC-free, halogen-free Outse diameter (jacket) 4,1 mm Tolerance outer diameter (jacket) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter (sheath) ± 5 % Material wire insulation 1,25 mm Outer diameter loterance core insulation 1,25 mm Outer diameter loterance core insulation 1,25 mm Outer diameter loterance core insulation 1,25 mm Material wire insulation 1,25 mm Outer diameter loterance core insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Gonductor vire Stranded copper wire, bare Conductor vire 0 Miro, @ 25	wire arrangement	brown, black, blue
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4.1 mm Tolerance outer diameter (jacket) 4.5 % Matorial wire insulation PP Amount wires 3 Outer diameter (locket) 1.25 mm Outer diameter tolerance core insulation 1.25 mm Outer diameter tolerance core insulation 1.8 5 % Shore hardness wire insulation 1.8 5 % Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Matrial conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 No. of bonding cycles (C-track) 10 m @ 25 °C Traversing distance (C-track) 10 m @ 25 °C Traversing distance (C-track) 10 m @ 25 °C Traversing distance (C-track) 10 m @ 25 °C Normial voltage power (wire vire) 2,5 kV @ 60 s	Cable weigth	29,7 g/m
Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Toldraneo curst diameter (jacket) 2 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 125 mm Outer diameter insulation 125 mm Outer diameter insulation 70 ± 5 Shore D Ingredient freeness wire insulation 124 mm Conductor cossection (wire) 42 Diameter of single wires 0.1 mm Conductor crossection (wire) 0.34 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 No. of bending cycles (C-track) 10 Mio. @ 25 °C Current load capacity (standard) to DIN NDE 0288-4 Current load capacity (standard) to DIN NDE 0289-4 Current load capacity (standard) to DIN NDE 0289-4 Current load capacity (standard) to DIN NDE 0280-4 <td>Material jacket</td> <td>PUR</td>	Material jacket	PUR
Outer diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 70 ± 5 Shore D Ingredient treeness wire insulation 70 ± 5 Shore D Ingredient treeness wire insulation 1.42 mm Conductor consessition 4.42 Diameter of single wires 0,1 mm Conductor vire Strand class 6 No. of berding cycles (C-track) 10 Mio. @ 25 °C Traversing distance (C-track) 10 Mio. @ 25 °C Conductor type (wire) strand class 6 No. of berding cycles (C-track) 10 Mio. @ 25 °C Traversing distance (C-track) 10 Mio. @ 25 °C Current toal capacity min. wire 6 A Electrical resistance line constant wire 5 C Dkm @ 20 °C Nominal voltage power (wire vire) 2,5 KV @ 60 s Min: operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C		90 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Impredient Teeness wire insulation Read-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor sossection (wire) 0.34 mm² Gonductor vire Stranded copper wire, bare Conductor type (wire) strand class 6 No. of bending cycles (C-track) 10 Mio. @ 25 °C Current load capacity (stradkord) to DIN VDE 0298-4 Current load capacity (wire) 2,5 kV @ 60 s Ac withstand voltage power (wire wax.) 2,5 kV @ 60 s Ac withstand voltage power (wire wax.)	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 70 ± 5 Shore D Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 42 Diameter of single wires 0,1 mm Conductor crossection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) 0.34 mm² Material conductor wire Strande copper wire, bare Conductor type (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) 0.34 mm² Material conductor wire Strande copper wire, bare Conductor type (wire) 10 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wine wire) 2,5 kV @ 60 s Min. operating temperature (kidic) 40 °C	Outer-diameter (jacket)	4,1 mm
Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1ed.free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm ² Material conductor wire Stranded copper wire, bare Conductor vire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Contracting temperature wire 0.0 to more 25 °C Current load capacity min, wire 6 A Electrical resistance line constant wire 57 Okm @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2.5 kV @ 60 s Min. operating t	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Imgredient Treeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crossection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor vire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Current toad capacity (standard) to DIN VDE 0298-4 Current toad capacity min. wire 6 A Electrical resistance line constant wire 57 0/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 No. of bending cycles (C-track) 10 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C Invizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (with wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power (wire - wire) 2,5 kV @ 60 s Kd. withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operature max. (dynamic) 05 °C 9 °C @ 10000 h Operation Operating temperature (kitel) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A	Amount wires	3
Shore hardness wire insulation 70 ± 5 Shore D Ingredient reeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 No. of bending cycles (C-track) 10 Mic. @ 25 °C horizontal 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 Control top gower AC max. 300 V Power frequency withstand voltage power 2,5 kV @ 60 s Mir. operating temperature (statc) -40 °C Max. operating temperature (statc) -40 °C Max. operating temperature (statc) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature min. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4882 · 2 A Flame resistance OL 1581 § 1090 [UL 1581 § 1100 FT2] IEC 60332 - 2 chemical resistance <td< td=""><td>Outer diameter insulation</td><td>1,25 mm</td></td<>	Outer diameter insulation	1,25 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crossection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 No. of bending cycles (C-track) 10 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to INI VDE 0298-4 Gurrent load capacity (standard) to INI VDE 0298-4 Gurrent load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (inced) 80 °C / 90 °C @ 10000 h Operation Operating temperature (inced) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4882-2 A Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good	Outer diameter tolerance core insulation	± 5 %
Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 No. of bending cycles (C-track) 10 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity win. wire 6 A Electrical resistance (Ine constant wire 57 Q/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. 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 § 1000 UL 1581 § 1100 FT2 IEC 60332-2-2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing	Shore hardness wire insulation	70 ± 5 Shore D
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm³ Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 No. of bending cycles (C-track) 10 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 2,5 kV @ 60 s Main: operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Ope	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 No. of bending cycles (C-track) 10 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) -25 °C 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 DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 No. of bending cycles (C-track) 10 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature min. (dynamic) -25 °C 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 Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing	Diameter of single wires	0,1 mm
Conductor type (wire)strand class 6No. of bending cycles (C-track)10 Mio. @ 25 °CTraversing distance (C-track)10 m @ 25 °C (horizontalCurrent load capacity (standard)to DIN VDE 0298.4Current load capacity (standard)to DIN VDE 0298.4Current load capacity min. wire6 AElectrical resistance line constant wire57 Q/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-25 °COperating temperature (static)-25 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 6032-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil rosion cycles2 Mio.Torsion speed35 cycles/min	Conductor crosssection (wire)	0,34 mm ²
No. of bending cycles (C-track)10 Mio. @ 25 °CTraversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire6 AElectrical resistance line constant wire57 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature max. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingGoli resistanceGood, application-related testingOil resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil rosion cycles2 Mio.Torsion speed35 cycles/min </td <td>Material conductor wire</td> <td>Stranded copper wire, bare</td>	Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire6 AElectrical resistance line constant wire57 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-25 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil rosistanceGood, application-related testingOil rosistanceGood, application-related testingDin seistanceGood, applicatio	Conductor type (wire)	strand class 6
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire6 AElectrical resistance line constant wire57 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingBending radius (fixed)5 × Outer diameterBending radius (dynamic)10 × Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	No. of bending cycles (C-track)	10 Mio. @ 25 °C
Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - jacket) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °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 § 1000 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance <td>Traversing distance (C-track)</td> <td>10 m @ 25 °C horizontal</td>	Traversing distance (C-track)	10 m @ 25 °C horizontal
Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °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 § 1000 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Current load capacity min. wire	6 A
Power frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingOil resistanceGood, application-related testingDin EN 60811-404Bending radius (dynamic)10 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Electrical resistance line constant wire	57 Ω/km @ 20 °C
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Operating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDing radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
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Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	chemical resistance	Good, application-related testing
Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Gasoline resistance	
Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Oil resistance	Good, application-related testing DIN EN 60811-404
No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Bending radius (fixed)	5 x Outer diameter
Torsion speed 35 cycles/min	Bending radius (dynamic)	10 x Outer diameter
	No. of torsion cycles	2 Mio.
Torsion stress ± 180 °/m	Torsion speed	35 cycles/min
	Torsion stress	± 180 °/m

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: 2024-04-30

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