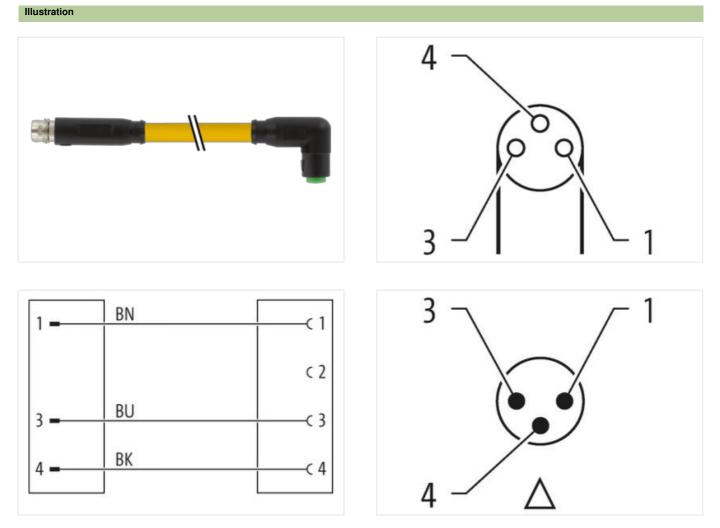


M8 male 0° / M8 female 90° A-cod. snap-in

PUR 3x0.25 ye UL/CSA 0.3m

Male straight – female 90° M8 (Snap In) – M8 (Snap In), 3-pole Further cable lengths on request. 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.

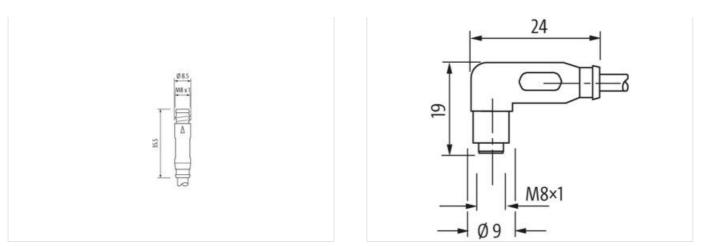
Link to Product



The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

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Product may differ from Image



Cable length	0,3 m
Side 1	
Thread	M8
suitable for corrugated tube (internal $Ø$)	6,5 mm
Commercial data	
ECLASS-6.0	27061801
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
customs tariff number	85444290
GTIN	4048879667012
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65
Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Material housing	PUR
Mechanical data Mounting data	

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Jackat Color yellow Type of Carlificatio CURus Amount stranding 1 Stranding 3 wires twisted Wire arrangement brown, black, blue No. of bending cycles (C+track) 2 Mio. @ 25 °C Cable weight 26,62 g/m Material Jacket B5 ± 5 Shore A Freedom from ingredients (jacket) Ibad. Fee, cardinum. Free, CPC-free, silicone-free Culor diamotic (jacket) 4,3 mn Toferance outer diamoter (sheath) ± 5 % Material Jacket 9 VC Amount wires 3 Outer diamoter insulation 1.28 rm Outer diameter insulation ± 5 % Material properties wire insulation ± 5 % Diameter tolerance core insulation ± 5 % Material properties wire insulation ± 5 % Diameter tolerance core insulation ± 5 % Material properities wire insulation # 5 %	Looking techniques	Snap In
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Operating isoperature max. 85 °C Additional condition temperature range depending on cable quality Contornity INE No 61076-2-114 (Mb) Installation (Cable UNE No 61076-2-114 (Mb) Cable identification (Cable 00 Cable identification (Cable Cable Cab	· ·	-25 %
Additional condition temperature range depending on cable quality Contornity Product standard DIN EN 61 076-2-114 (M8) Initialitation Cobb Cobo Cobo Cable dienfication 0.0 Cobo Cable Type 2 Cobo Lacket Cobr yellow Vellow Type of Cottilicate C/D Fuo Cottilicate Anount stranding 1 Stranding Stranding Stranding Stranding Cold commot (stranding) Stranding Stranding Stranding Stranding Stranding Cold commot (strandig (stranding) Stranding <t< td=""><td></td><td></td></t<>		
Contominy Product standard Description Fonduct standard Des 1076-2-114 (MS) Cable institution (Cable Type 0 SQ Cable Type 2 Cable Type 2 Cable Type 2 School Cable Type 2 Cable Type 1 2 Standing 1 No. ob bording cycles (C track) 2 Mog 25 °C Cable weight 2 MG 25 °C Cable weight 2 S S Store A Freedom from ingredients (isolath) 1 S °N Cable weight 2 S Store A Torerance outer diameter (sheath) 1 S °N Cable manutation 9 °C Annount weight 2 S Store A Store inductors weight insulation 2 S °N Cardinated insulation 2 S °N Cardinated insulation 2 S °N Cardinated i		
Product standard DIN EN 61076-2-114 (M8) Installation (Cable Cable identification 020 Cable identification 020 Cable Ca		
Instalistion Cable Cable infinition 020 Cable Type 2 Cable Type 2 Cable Colo yellow Type of Carlinate UPIus Anount stranding 1 Stranding wires buisted Wire at rangement brown. black. blue No. of bunding cycles (Ctrack) 2 Mo. @ 25 °C Cable weight 26 82 2 gm Matorial jackot PUR Shore hardness gackel 85 1 5 Shore A Froedom from ingredients (jackot) lead free, cadmum-free, CFC-free, silicone-free Outer diameter (sheath) ± 5 % Material vir insulation PVC Anount vires 3 Outer diameter insulation ± 5 % Material properties wire insulation ± 5 % Conductor crossesconton (wire) 0 22 mm² Diameter of sin		
Cable identification020Cable Type2Cable Type2Jocket ColoryellowType of CartificatecURusAnount stranding1StrandingSwires twistedwire arrangementbrown, black, blueNo. of bording cycles (0-track)26,622 µmMaterial jacketPURShore hardness jacket85 t 5 Shore AFreedom from ingredients (jacket)43,622 µmCatle weigh43,5 t 5 Shore AFreedom from ingredients (jacket)43,7 mmTolerance outer diameter (fackett)4,5 %Material jacket92Outer diameter (instatt)5 %Material wei instation4,3 nmTolerance outer diameter (instatt)5 %Store hardness instation1,25 mmOuter diameter tisulation4,3 t Shore DMaterial properties wei instation43 t Shore DMaterial wei instation43 t Shore DMaterial properties wei instation900 drachinabilityIngredient fuences one insultation43 t Shore DMaterial properties wei instation92 t ControchinatConductor crossection (wire)92 t ControchinatConductor crossection (wire)92 t ControchinatConductor veiscection (wire)57 CConductor veiscection (wire)92 t ControchinatConductor veiscection (wire) <td>Product standard</td> <td>DIN EN 61076-2-114 (M8)</td>	Product standard	DIN EN 61076-2-114 (M8)
Cable Type 2 Jacket Color yellow Jacket Color yellow Jacket Color yellow Anount strunding 1 Stranding 3wirs lwisted wire arrangement brown, black, blue No. of banding cycles (C-track) 2 Mio. @ 25 °C Cable weight 26,62 g/m Material Jacket PUR Shore handress jacket 85 5 5 Shore A Freedom from ingredents (jacket) 163 * 5 °C Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (hacket) 4,3 mm Tolerance outer diameter (hacket) 4 °S % Amount wires 3 Outer diameter insulation 1,25 °m Diameter of single wires 0,1 mm Conductor types wire insulation 1,25 °m Diameter of single wires 0,1 mm Conductor type (wire) 5 °G Indurationablity Conductor type (Installation Cable	
Jackat Color yellow Type of Carlificatio CURus Amount stranding 1 Stranding 3 wires twisted Wire arrangement brown, black, blue No. of bending cycles (C+track) 2 Mio. @ 25 °C Cable weight 26,62 g/m Material Jacket B5 ± 5 Shore A Freedom from ingredients (jacket) Ibad. Fee, cardinum. Free, CPC-free, silicone-free Culor diamotic (jacket) 4,3 mn Toferance outer diamoter (sheath) ± 5 % Material Jacket 9 VC Amount wires 3 Outer diamoter insulation 1.28 rm Outer diameter insulation ± 5 % Material properties wire insulation ± 5 % Diameter tolerance core insulation ± 5 % Material properties wire insulation ± 5 % Diameter tolerance core insulation ± 5 % Material properities wire insulation # 5 %	Cable identification	020
Type of Certificate cURus Amount stranding 1 Stranding Wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 2 Min. @ 25 °C Cable weigh 26,62 °g/m Material jackat PUR Shore hardness jackat 85 ± 5 Shore A Freedom from ingredents (gacket) 4.3 mm Tolerance outer diameter (isokat) 4.3 mm Tolerance outer diameter (sheath) 5 % Amount wises 3 Outer diameter insulation PVC Amount wises 3 Outer diameter insulation 4.3 5 % Shore hardness wire insulation 4.3 5 % Shore hardness wire insulation 4.3 5 % Outer diameter insulation 4.3 5 % Shore hardness wire insulation 4.3 5 % Shore hardness wire insulation 8.2 5 Shore D Material properties wire insulation 8.2 5 Shore D Conductor trye wire insulation 9.2 5 mm ³ Conductor trye wire insulation 9.2 5 mm ³ Conductor trye wire insulat	Cable Type	2
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weight 26.82 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) Iead-free, cafilum-free, CFC-free, silicone-free Outer-diameter (jacket) 4.5 % Material isolation PVC Annount wires 3 Outer diameter (sheath) ± 5 % Material properties wire insulation 1.25 mm Outer diameter wire insulation 1.25 mm Outer diameter insulation 4.3 ± 5 Shore D Material properties wire insulation 4.3 ± 5 Shore D Material properties wire insulation 4.3 ± 5 Shore D Material properties wire insulation 9.2 ± Shore A Diameter of single wires 0.1 mm Conductor crosssection (wire) 9.2 mm ² Material conductor wire Strade cooper wire, bare Conductor type (wire) strand class 6 Traversing distarce (C-track) 5 m @ 2 5 °C (lorizontal Curren	Jacket Color	yellow
Stranding 3 wires twisted wire arrangement brown, black, blue No. al bending cycles (C-track) 2 Mic. @ 25 °C Cable weight 26.62 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-tree, cadmium-free, CFC-free, silicone-free Outer -diameter (jacket) 4.3 mm Tolerance outer diameter (jacket) 4.3 mm Tolerance outer diameter (jacket) 4.3 mm Tolerance outer diameter (sheath) ± 5 % Outer diameter insulation PVC Amount wires 3 Outer diameter insulation 1/25 mm Outer diameter insulation god machinability Ingredient freeness wire insulation god machinability Ingredient freeness wire insulation god machinability Ingredient freeness wire insulation god 2mm² Diameter of single wires 0.1 mm Conductor orsessection (wire) 0.25 mn² Diameter of single wires 92 Stor Inforzontal Current load capacity (standard) to DIN VDE 0238.4	Type of Certificate	cURus
wire arrangement brown, black, blue No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigh 26.62 g /m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4.3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter (sheath) ± 5 % Material wire insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 32 Diameter tolerance core insulation 43 ± 5 Shore D Material properties wire insulation 32 Diameter tolerance core insulation 32 Diameter tolerance core insulation 32 Diameter of single wires 0.1 mm Conductor wire Strand class 6 Traversing distance (C-track) 5 m @ 25 °C hoizontal Current load capacity (standard) to DIN VDE 028 + 4 Current load capacity (standard) 5 0°C Nominal vortage power (Wire - Wire) 2 kV @ 60 s Min. operating temperature (istaic) -30 °C	Amount stranding	1
No. of banding cycles (C-track)2 Mio. @ 25 °CCable weight26,62 g/mCable weight26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath) \pm 5 %Material insulationPVCAmount wires3Outer diameter insulation \pm 5 %Shore hardness wire insulation \pm 5 %Outer diameter insulation \pm 5 %Shore hardness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor rossescion (wire)0,25 mm²Material properties wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Conductor rossescion (wire)0,25 mm²Conductor vireStranded copper wire, bareConductor wireStranded copper wire, bareConductor wire)stranded copper wire, bareConductor wire)st	Stranding	3 wires twisted
Cable weight 26,82 g/m Material jacket PUR Shore hardness jackel 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4.3 mm Tolerance outer diameter (seheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 4.3 ± 5 Shore D Material wire insulation 4.3 ± 5 Shore D Material properties wire insulation 4.3 ± 5 Shore D Material properties wire insulation god machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strand (swire) 32 Diameter of single wires 0,1 mm Conductor prossection (wire) 0.25 mm² Material conductor wire Strand decoper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-frack) 5 m @ 25 °C horizontal Current load capacity minu, wire 4.5 A Electrical resistance line constant wire	wire arrangement	brown, black, blue
Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4.3 mm Tolerance outer diameter (jacket) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter (jacket) ± 5 % Shore hardness wire insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation good machinability Ingredient freeness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0.1 mm Conductor vires Strande class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (strander) to DIN VDE 0288-4 Current load capacity (strander) to DIN VDE 0289-4 Current load capacity (strander) to DIN VDE 0289-4 Current load capacity (strander) to YC Nominal volta	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (jacket) 4,5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 4,5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation good machinability	Cable weigth	26,62 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4.3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter tolerance core insulation 1.25 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation god anti-inability Ingredient freeness wire insulation god anti-inability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount stands (wire) 32 Diameter of single wires 0,1 mm Conductor type (wire) 0.25 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 %C horizontal Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2kV @ 60 s Min. operating temperature (fixed) 80 °C	Material jacket	PUR
Outer-diameter (jacket) 4.3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation go of machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor rossection (wire) 0,25 mm ² Conductor type (wire) strand dcapse Conductor type (wire) strand dcapse Current load capacity (standard) to DIN VDE 298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Q.km @ 20 °C Nominal voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) <td< td=""><td>Shore hardness jacket</td><td>85 ± 5 Shore A</td></td<>	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1.25 rm Outer diameter insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation god machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor rossesction (wire) 0.25 rm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity winking woltage power 79 D/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2 kV @ 60 s Min. operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) -30 °C Opera	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation god machinability Ingredient freeness wire insulation god machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 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 (wire) 2 kV @ 60 s Ac withstand voltage power (wire - wire) 2 kV @ 60 s Ac withstand voltage power (wire - wire) 2 kV @ 60 s Man, operating temperature (static) -30 °C Ac withstand voltage power (kire - wire) 80 °C Operating temperature (static) 80 °C	Outer-diameter (jacket)	4,3 mm
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Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 900 machinability Ingredient freeness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 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 min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -5 °C Operating temperature (static) -5 °C Operating temperature (static) </td <td>Material wire insulation</td> <td>PVC</td>	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation god machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2 kV @ 60 s Min. operating temperature (stacic) -30 °C Max. operating temperature (stacic) -5 °C Operating temperature (min. (dynamic) 5 °C Operating temperature (max. (dynamic) 60 °C Operating temperature (stacic) -5 °C Operating temperature (stacic)	Amount wires	3
Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crossection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 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 (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature (static) -5 °C Operating temperature (static)	Outer diameter insulation	1,25 mm
Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crossection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 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 winks wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -5 °C Operating temperature (min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Coperating temperature max. 60 do s Min. operating temperature fixed 80 °C Operating temperature fixed 60 do s, aplication-related testing Goid, application-related testing </td <td>Outer diameter tolerance core insulation</td> <td>±5%</td>	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to IN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) 5 °C Operating te	Shore hardness wire insulation	43 ± 5 Shore D
Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (fiked)80 °CFlame resistanceEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDiN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)10 x Outer diameter	Material properties wire insulation	good machinability
Dameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (static)-5 °COperating temperature min. (dynamic)-5 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceEEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)10 x Outer diameter	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor cossection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceElec 60332-2-2 UL 1581 § 100 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)10 x Outer diameter	Amount strands (wire)	32
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 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 min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing	Diameter of single wires	0,1 mm
Conductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature max. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)10 x Outer diameter	Conductor crosssection (wire)	0,25 mm ²
Traversing distance (C-track)5 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature max. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)10 x Outer diameter	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMax. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)10 x Outer diameter	Conductor type (wire)	strand class 6
Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceIDN EN 60811-404 Good, application-related testingBending radius (fixed)10 x Outer diameter	Traversing distance (C-track)	5 m @ 25 °C horizontal
Electrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)10 × Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistance10 x Outer diameter	Current load capacity min. wire	4,5 A
Power frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)10 x Outer diameter	Electrical resistance line constant wire	79 Ω/km @ 20 °C
(wire - jacket) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 10 x Outer diameter	Nominal voltage power AC max.	300 V
Min. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)10 x Outer diameter	Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 10 x Outer diameter	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 10 x Outer diameter	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 10 x Outer diameter	Max. operating temperature (fixed)	80 °C
Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 10 x Outer diameter	Operating temperature min. (dynamic)	-5 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 10 x Outer diameter	Operating temperature max. (dynamic)	80 °C
Gasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)10 x Outer diameter	Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 10 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter	Gasoline resistance	Good, application-related testing
	Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (dynamic) 15 x Outer diameter	Bending radius (fixed)	10 x Outer diameter
	Bending radius (dynamic)	15 x Outer diameter

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

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