

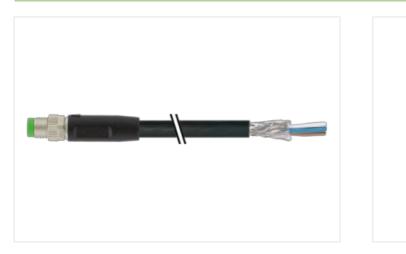
M8 male 0° A-cod. with cable shielded

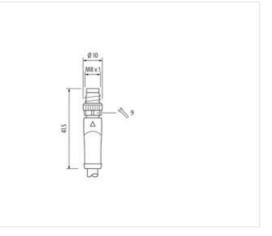
PUR 4x0.34 shielded bk UL/ 1.15m

Male straight M8, 4-pole shielded 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.

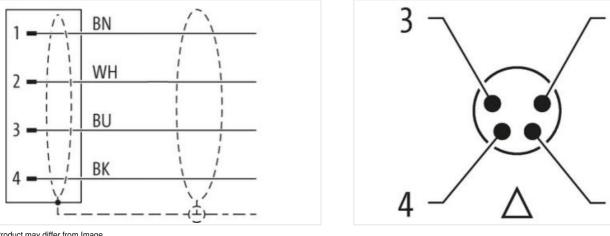
Link to Product







2



Product may differ from Image



1,15 m

0,4 Nm

Cable length

Side 1

Tightening torque

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: 2024-05-19

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Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal \emptyset)	6,5 mm
Material	PUR
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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	4065909086339
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
Installation Connection	
Mounting set	M8 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Rated surge voltage	0,8 kV
Mechanical data Material data	
Coating locking	nickel plated
Coating of fitting	nickel plated
Locking material	Brass
Material screw connection	Brass
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
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-114 (M8)
Installation Cable	
Cable identification	641
-	

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Jacket Color black Type of Certificate cL/Rus Amount standing 1 Stranding 4 wires twisted Cable shelding (toyonago) 80 % Banding Coper twist, linned Cable shelding (toyonago) 80 % Banding Fleece, Full wire arrangement brown, black, blau, write Cable sweigh (toyolag) 80 % Shore hardness jacket 91 5 Shore A Freedom from ingredients (jacket) laad free, cadmum-free, CPC-free, halogen-free, silicone-free Outer-diameter (jacket) 5.3 mm Outer-diameter (jacket) 5.3 mm Outer diameter sweinssallon PP Amount vires 4 Outer diameter tolerance core insulation 1.5 Sme Mineral wire insulation 7.9 ± 5 Since D Durater diameter tolerance core insulation 1.5 Sme Amount strands (wire) 4.2 Durater diameter tolerance core insulation 1.5 Since hardnes wire insulation Conductor (wire) 0.34 mm² Conductor (wire) 0.34 mm² <	Cable Type	3
Anount stranding 1 Stranding 4 wire twisted Cable shelding (type) copper braid, finned Cable shelding (type) copper braid, finned Cable shelding (type) 80 %. Banding Piece, Foll wire arrangement brown, black, blue, white Cable weight 50.6 g/m Material jacket PUR Shore hardness jacket 90.5 Shore A Freedom form ingredients (jacket) 5.3 nm Catler disperted (starbet (gacket) 5.3 nm Tolerance outer diameter (sket) 5.3 nm Catler dismeter (sket) 5.3 nm Older diameter insulation PP Anount wires 4 Older diameter insulation 1.5 % Material wire insulation 70.2 5 Shore D Timgredient freeness wire insulation 70.5 5 Shore D Canduct or types wire insulation 70.5 5 Shore D Canduct or types wire insulation 70.5 5 Shore D Diameter of single wires 0.1 nm Conduct or torsees wire insulation 70.5 5 Shore D Canducto	Jacket Color	black
Stranding 4 wires twinted Cable shelding (type) copper braid, timed Cable shelding (type) 50, % Banding Fibeor, Foll wire arrangement brown, black, blue, white Cable shelding (type) 50, 8 µm Material jacket FUR Shore hardhoss jackal 90, 5 Shore A Freedom from ingredients (jackol) lead-free, cadmium-free, CFC-free, halogan-free, silicone-free Outer diameter (jackol) 5, 3 mm Tolerance outer diameter (sheath) 5 5 % Material wire insulation 1, 25 mm Outer diameter (sheath) 7 5 % Shore hardhoss wire insulation 1, 25 mm Outer diameter insulation 1, 25 mm Conductor type (wire) 34 ande toppu wire, bare Outer diame	Type of Certificate	cURus
Cable shielding (type) copper braid, tinned Cable shielding (coverage) B0 % Banding Fleeer, Foll wire arrangement b0 % (b) % Cable weigh 50 § fm Attal packet PUR Shore hardness jackel 90 ± 5 Shore A Freedom from ingredents (tacket) 18.4 % Outer -diameter (gacket) 5.3 mm Tolerance outer diameter (gacket) 5.5 % Material vice insulation PP Annout virus 4 Outer -diameter insulation 1.25 mm Outer diameter insulation 7.0 ± 5 Shore D Ingredent freeness wire insulation 7.0 ± 5 Shore D Ingredent freeness wire insulation 7.0 ± 5 Shore D Dameter of single wires 0.1 mm Conductor yer wire insulation 7.0 ± 5 % Material conductor wire Shrande Copper wire, bare Conductor yer (wire) 0.34 mm² Conductor yer (wire) 0.34 mm² Conductor yer (wire) 0.34 mm² Conductor yer (wire) 5.7 (M m 2 ± °C (Intorontal Normal wott	Amount stranding	1
Cable shielding (coverage) 80 % Bunding Fleece, Fol Wire arrangemont brown, black, blue, white Cable weight 50.6 g/m Material jackat PUP Shore hardness jackat 90 ± 5 Shore A Freedem from ingredienti (jackat) lead-free, castimum-free, CFC-free, halogen-free, silicone-free Outer-dimeter (jackat) ± 5 % Material wei insulation PP Anount wices 4 Outer diameter (jackat) ± 5 % Material wei insulation 1.25 mm Outer diameter insulation 1.25 free D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1.45 Shore D Ingredient freeness wire insulation 1.4 Shore 2.5 % Dameter of single wires 0.1 rum Conductor crossection (wire) 0.34 mm ² Material conductor wire 5 % (Shore Andrees) Conductor vise 5 m @ 25 °C horizontal Normal vottage A C-max. 900 V Current to datagabity (sindardor) to DIN VDE 2894-4 Current toda capabity (s	Stranding	4 wires twisted
Banding Fileece, Foil wire arrangement brown, black, blue, white Cable weigh 50.6 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom Tom Ingredents (abekt) 5.3 mm Tolerance outer diameter (seath) ± 5 % Material ware insulation PP Annount wires 4 Outer diameter insulation 1.2 mm	Cable shielding (type)	copper braid, tinned
wire arrangement brown, black, blue, while Cable weight 50.6 g/m Material jacket PUR Shore hardness jacket 90.5 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium free, CPC-free, halogen-free, silicone-free Outer-diameter (jacket) 5.3 mm Tolerance outer diameter (health) 1.5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1.28 mm Outer diameter insulation 70.2 5 Shore D Ingredient freeness wire insulation 70.2 5 Shore D Ingredient freeness wire insulation 1.28 mm Conductor crosssection (wire) 42 Dameter of single wires 0.1 mm Conductor vires Stranded copper wire, bare Conductor vires Stranded copper wire, bare Conductor vires Stranded copper wire, bare Current toad capaotry (strander) 5 m @ 2% °C noizontal Nominal votage AC max. 300 V Current toad capaotry (strander) 5 m @ 2% °C noizontal Nortinal votage (wire - wire) 2 kV @ 60 s <td>Cable shielding (coverage)</td> <td>80 %</td>	Cable shielding (coverage)	80 %
Cable weight 50.6 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-tree, cadmium-tree, CFC-tree, halogen-free, silicone-free Outer-diameter (jacket) 5.3 mm Tolerance outer diameter (sheat) 5.5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter insulation 1.5 % Shore hardness wire insulation 1.65 from D Ingredient freeness wire insulation 1.6 from, cadmium-free, CFC-tree, halogen-free, silicone-free Amount strands (wire) 42 Dameter of single wires 0.1 mm Conductor crossesceion (wire) 0.34 mm² Material conductor wire Straded copper wire, bare Conductor yer elsend dass 6 1 Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal Votage AC max. 300 V Courrent load capacity (standard) to DIN VDE 0288 4 Current load capacity (standard) to DIN VDE 0288 4 Current load capacity (standard) to	Banding	Fleece, Foil
Material jacket PUR Shore hardness jackat 90 ± 5 Shore A Freedon from ingredients (jacket) 15.3 mm Outer-diameter (jacket) 5.3 mm Tolerance outer diameter (jacket) 5.3 mm Material wire insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 % Shore hardness wire insulation 1.25 mm Outer diameter insulation 1.25 % Shore hardness wire insulation 1.25 % Normel Stands (wire) 4 Diameter of single wires 0,1 mm Conductor rosseaction (wire) 0.34 mm ² Material conductor wire S maded cooper wire, bare Conductor type (wire) strand class 6 Traversing distance (C+tack) 5 m @ 25 °C (I horizontal Normial voltage AC max. 300 V Current load capacity (istandard) to DIN VDE 0298.4 Current load capacity min. wire 4.3 A	wire arrangement	brown, black, blue, white
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadinium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1.25 mm Outer diameter tolerance core insulation 1.25 mm Torgetameter tolerance core insulation 1.25 mm Outer diameter tolerance core insulation 1.25 mm Torgetameter on singlewires 0.1 mm Conductor row wire insulation 1.84 free, cadmium-free, CFC-free, halogen-free, allicone-free Amount strands (wire) 0.24 mm² Conductor row (wire) Straded copper wire, bare Conductor row (wire) Straded copper wire, bare Conductor row (wire) Straded copper wire, bare Conductor row (wire) Strade dospet Current doa capacity (tatndard) to DIN VDE 0298-4 Curent load capacity (tatndard) to D	Cable weigth	50,6 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CPC-free, halogen-free, silicone-freeOuter diameter (jacket)5,3 mmTolerance outer diameter (sleath)5,5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DConductor crosssection (wire)42Diameter of single wires0,1 mmConductor vises collon (wire)5 stranded copper wire, bareConductor vises (C-track)5 m @ 25 °C horizontalNominal voltage AG max.300 VCurrent load capacity (standard)to DIN VDE C298 4Current load capacity (wire)2 kV @ 60 sAC withstand voltage (wire - wire)2 kV @ 60 sAC withstand voltage (wire - wire)2 kV @ 60 sAC withstand voltage (wire - shield)2 kV @ 60 sAC withstand voltage (wire - shield)40 °CMax. operating temperature (sited)80 °C / 90 °C @ 10000 h OperationOperating temperature (sited)80 °C / 90 °C @ 10000 h OperationOperating temperature (sited)60 °C / 90 °C @ 10000 h OperationOperating temperature (sited)80 °C / 90 °C @ 10000 h OperationOperating temperature (sited)80 °C / 90 °C @ 10000 h OperationOperating temperature (sited)80 °C / 90 °C @ 10	Material jacket	PUR
Outer-diameter (jacket) 5,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter insulation 1.5 % Store hardness wire insulation 1.5 fm Outer diameter insulation 1.6 % Store hardness wire insulation 1ead-tree, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wices 0,1 mm Conductor crosssection (wire) 0.24 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 028-4 Current load capacity (standard) to DIN VDE 028-4 Current load capacity (wintwire - 48.8 A Electrical resistance line constant wire 57 ΩArm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Poweir requery, withistard voltage (wire - wire) 2 k	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath) \pm 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation \pm 5 %Shore hardness wire insulation70 \pm 5 Shore DIngredient freeness wire insulation70 \pm 5 Shore DIngredient freeness wire insulation42Diameter of single wires0,1 mmConductor crossection (wire)0.34 mm²Conductor viscosection (wire)0.34 mm²Conductor viscosection (wire)51 and class 6Traversing distance (Lartack)5 m 025° C) horizontalNominal voltage AG max.300 VCurrent load capacity (standard)to DIN VDE 0298 4Current load capacity (standard)2 kV @ 60 sPower frequency withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - wire)2 kV @ 60 sAG withstand voltage (wire - shield)2 kV @ 60 sMin. operating temperature (fixed)30 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)30 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)30 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)50 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)50 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)50 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)50 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)50 °C / 90 °C @ 10000 h OperationOperating temperature	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter insulation 1.5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount stands (wire) 42 Diameter of single wires 0,1 mm Conductor crossection (wire) 0.34 mm ⁹ Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AG max. 300 V Current load capacity (standard) to DIN VDE 0298-4	Outer-diameter (jacket)	5,3 mm
Amount wires4Outer diameter insulation1,25 mm.Outer diameter insulation± 5 %.Shore hardness wire insulation1 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Conductor vire crosssection (wire)Stranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (strandard)to DIN VDE 0298-4Current load capacity (strandard)to DIN VDE 0298-4Current load capacity (strandard)2 kV @ 60 sPower frequency withstand voltage (wire - strack)2 kV @ 60 sAC withstand voltage (wire - strack)2 kV @ 60 sAC withstand voltage (wire - shield)2 kV @ 60 sAC with temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)80 °C / 90 °C @ 10000 h OperationOperating temperature (static)80 °C / 90 °C @ 10000 h OperationUV resistanceGlood, application-related testingGascine resistanceGood, application-related test	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 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 rossesceion (wire) 0.24 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (winscharber line (wire) 2 kV @ 60 s Power frequency withstand voltage (wire - shield) 2 kV @ 60 s Rew withstand voltage (wire - shield) 2 kV @ 60 s Max. operating temperature (static) 40 °C Operating temperature (static) 40 °C @ 10000 h Operation Operating temperature (static) 80 °C / 90 °C @ 10000 h Operation UV resistance Eloc 60332-22 J U. 1581 § 1100 FT2	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 mm² Material conductor wire Stranded copper wire, bare Conductor (wire) 0,34 mm² Conductor (wire) Strand dass 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max operating temperature (static) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 25°C Operating temperature (static) 40 °C Max operating temperature (static) 80 °C / 90 °C @ 10000 h Operation UV resistance Dio C	Amount wires	4
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 consessection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Nomial voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire wire) 2 kV @ 60 s Power frequency withstand voltage (wire - shield) 2 kV @ 60 s Ac withstand voltage (wire - shield) 2 kV @ 60 s Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature min. (dynamic) 25 °C 0 Operating temperature min. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN 60 4892-2 A Flame resistance Good, application-related testing <td>Outer diameter insulation</td> <td>1,25 mm</td>	Outer diameter insulation	1,25 mm
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0.1 mmConductor crossection (wire)0.34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4.8 AElectrical resistance line constant wire57 Q.Km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - 3k @ 60 sPower frequency withstand voltage (wire - 40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CQureating temperature (static)-25 °COperating temperature min. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISC 4892 2 AFlame resistanceEC 60332-2 2 UL 1581 § 100 UL 1581 § 1100 FT2Chemical resistanceGood, application-related testingGaoline resistanceDIN EN ISC 4892 2 AFlame resistanceGood, application-related testingGaoline resistanceDIN EN ISC 4892 2 AFlame resistanceGood, application-related testingGaoline resistanceGood, application-related testingGaoline resistanceDIN EN ISC 4892 2 AFlame resistanceDIN EN ISC 4892 2 AFlame resistanceGo	Outer diameter tolerance core insulation	±5%
Amount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontalNominal voltage AG max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4.8 AElectrical resistance line constant wire57 Ω/km @ 20 °CAC withstand voltage (wire - jacket)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sAC withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature (static)-25 °COperating temperature (min. (dynamic))-25 °COperating temperature (static)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceEC 60332-22 / LU 1581 § 1090 / LU 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline 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)5 x Outer diameter <trr>Travel speed (C-track)5 Mio. @</trr>	Shore hardness wire insulation	70 ± 5 Shore D
Amount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontalNominal voltage AG max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4.8 AElectrical resistance line constant wire57 Ω/km @ 20 °CAC withstand voltage (wire - jacket)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sAC withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature (static)-25 °COperating temperature (min. (dynamic))-25 °COperating temperature (static)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceEC 60332-22 / LU 1581 § 1090 / LU 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline 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)5 x Outer diameter <trr>Travel speed (C-track)5 Mio. @</trr>	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 Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 300 V 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 4.8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation 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 Fiame resistance Ele Go332-22 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 × Outer diameter <td>Amount strands (wire)</td> <td></td>	Amount strands (wire)	
Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 300 V 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 4.8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation 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 Fiame resistance Ele Go332-22 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 × Outer diameter <td>Diameter of single wires</td> <td>0,1 mm</td>	Diameter of single wires	0,1 mm
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Max. operating temperature (static) -40 °C Max. operating temperature (mix. (dynamic) -25 °C Operating temperature min. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance IDIN EN ISO 4892-2 A Flame resistance Good, application-related testing Gasoline res		0.34 mm ²
Conductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4.8 AElectrical resistance line constant wire57 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - shield)2 kV @ 60 sAC withstand voltage (wire - shield)2 kV @ 60 sAC withstand voltage (wire - shield)2 kV @ 60 sMin. 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 resistanceEC 60332-2:2 UL 1581 § 1900 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 80811-404 Good, application-related testingOil resistanceDIN EN 80811-404 Good, application-related testingBending radius (fixed)5 × Outer diameterBending radius (fixed)5 × Outer diameterBending radius (fixed)5 × Outer diameterIravel speed (C-track)5 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Material conductor wire	Stranded copper wire, bare
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Travel speed (C-track)5 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Bending radius (fixed)	5 x Outer diameter
No. of torsion cycles 2 Mio. Torsion stress ± 30 °/m	Bending radius (dynamic)	10 x Outer diameter
Torsion stress ± 30 °/m	Travel speed (C-track)	5 Mio. @ 25 °C
	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min	Torsion stress	± 30 °/m
	Torsion speed	35 cycles/min

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: 2024-05-19

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