

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

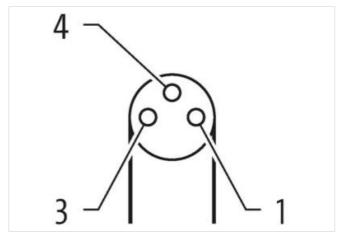
PUR 3x0.25 bk UL/CSA+drag ch. 0.6m

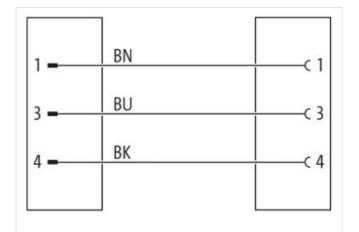
Male 90° – female 90° M8 (Snap In) – M8 (Snap In), 3-pole Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

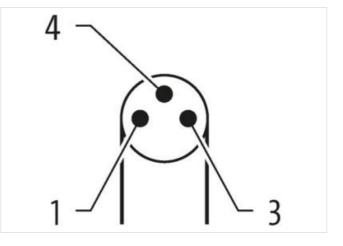
## Link to Product

Illustration









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: 2024-05-17





Product may differ from Image



Cable length	0,6 m
Side 1	
Thread	M8
suitable for corrugated tube (internal Ø)	6,5 mm
Commercial data	
ECLASS-6.0	27061801
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
customs tariff number	85444290
GTIN	4065909044988
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	
Looking techniques	Snap In
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C

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Able on bending radiu     Releficien: Chewre wite permissible bending radii when laying cables, as the IP protocilin class can be endorgered by excessive bending forces.       Contornity     Product standard     Dix IN 91076-2-114 (MR)       Installation (Cable Type)     3       Cable identification     630       Cable identification     10       Stranding     914       Stranding     840 wide winked       Material layold     914       Stranding     924 Strand       Outer diamoter (staleable)     95 %       Material wine resculation     915 Strand       Telescen could standard (stranding)     25 %       Material wine resculation     12 Stranding       Outer diamoter (strandard)     25 %       Material wine resculation     25 %       Material wine resculation     25 %	Additional condition temperature range	depending on cable quality
Note on bending radiu     Attention: Chewre the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending torces.       Contornity     Product Standard     DNE NN 5078-2-114 (MR)       Intellation     650     Standard       Cable identification     650     Standard       Standard     UPUs     Standard     Standard       Standard     Back     Standard     Standard       Outer damater factore identification     90 a 5 Standa     Standard     Standard       Outer damater factore identification     9 a 5 Standard     Standard     Standard       Outer damater instandard     1 25 Standard     Standard     Standard     Standard       Outer damater instandard     1 25 Standard     Standard     Standard     Standard       Outer damater instandard (string)     1 25 Standard     Standard     Standard     Standard     Standard	Important installation notes	
Wate in fielding indusit     endiagerand by accessive banding brokes.       Conformity       Conformity     DNEN 8 1076-2114 (MS)       Intellification     6.50       Called infinition (Cable     S       Called Type     3       Data Conformity     Backet Coord       Stranding     Conformity       Weigh armagement     Brown back, blue       Called weigh     Dest Nation (Proceeding Conformity)       Store handness pioxiet     PUR       Toderations pioxiet     S - S None A       Freedom from ingrowidents (genket)     A from, Candent, Free, Science Free       Outer diameter (genket)     A from, Candent, Free, Science Free       Outer diameter fuelation     P S       Outer diameter trainable (wine)     B 5 from       Conformiter trainable (wine)     B 5 from       Darmator stang wine insulation     P S None D       Conformater trainable (wine)     B 5 from       Darmator stang (wine)	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard     DN EN 6 1076-2-114 (M8)       treatables (Cable)     500       Cable Identification     650       Cable Identification     650       Cable Identification     1       Cable Identification     0.40% a       Anourt stranding     1       Stranding     50% text balted       Mile arrangement     brown, black, blue       Cable weigh     60.4 g nm       Mineral Jacket     0.92 § Shore A       Froadom Tom Ingrodentis (gald)     100 af Too, cadmium froe, CFC froe, halogan froe, silicone froe       Cable weigh     5.5       Cable arranget (galda)     4.1 mm       Cabler diameter (scalation)     1.5 %       Cabler diameter (scalation)     1.0 m @ 2.5 %	Note on bending radius	
Instalistion   Cable       Cable information     630       Cable Type     3       Jackat Color     black       Type of Carfficate     URus       Amount stranding     1       Stranding     3 vires twisted       wire arrangement     brown, black, blue       Cable weigh     26.4 g/m       Material jacket     PUR       Strone hardness jacket     90.5 Shore A       Freedom from ingredients (jacket)     1.4 mm       Older diamater (jacket)     1.4 mm       Tolerance outer diameter (sheath)     2.5 %       Material wire insulation     PP       Amount wires     3       Outer diameter (sheath)     2.5 %       Shore hardness wire insulation     70.2 Shore D       Outer diameter for shutation     70.2 Shore D       Darader of aingle wires     0.1 mm       Conductor consessection (wire)     32       Darader of aingle wires     0.25 mm <sup>3</sup> Material concluctor wire     Strone Material weiles       Diameter of aingle wires     0.0 W VE       Corductor consessection (wire)     32.5 Chono	Conformity	
Cable identification     630       Cable Type     3       Cable Type     3       Cable Type     0       Disck     0       Type of Certificate     0.0Fus       Anount Stranding     1       Stranding     5000000000000000000000000000000000000	Product standard	DIN EN 61076-2-114 (M8)
Cable Type     3       Jacket Color     Islack       Type of Certificate     CURus       Amount stranding     1       Stranding     Swires hvisted       wire arrangement     brown, black, blue       Cable weigh     26,4 gm       Material jacket     PUR       Shore hardness jacket     90 5 Shore A       Freedon from ingrodients (jacket)     14 5 %       Material jacket     PUR       Shore hardness jacket     90 5 Shore A       Freedon from ingrodients (jacket)     1, 1m       Tolarance outer diameter (sublet)     1, 5 %       Material wire insulation     PP       Amount twise     3       Outer diameter insulation     1, 25 %       Shore hardness wire insulation     1, 25 %       Conduct consest tole frames core insulation     1, 25 %       Diameter insulation     1, 25 %       Shore hardness wire insulation     1, 25 %       Conduct consest tole strandid to ga free, cadmum free, CFC free, halogen free, silicone free       Amount strands (wire)     32       Diameter of angle wrins     0, 1 mm	Installation   Cable	
Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Calabie weigh 28, 4g/m Material jacket PUR Shore hardness mather (health) 4, 1 mm Totarano outer diameter (jacket) 4, 1 mm Totarano outer diameter (jacket) 5% Material jacket PUR Amount wires 3 Amount wires 3 Outer diameter insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 2,25 mm Outer diameter insulation 1, 0 m Q 25 °C Inorizontal Min: operating Itemperature (key 0, 0 °C 1000 °C 0,0000 H Operation 1,000 M CP Operating Itemperature (key 0, 0 °C 1000 °C 0,0000 H Operation 1,000 M CP Operating Itemperature (key 0, 0 °C 1000 °C 0,0000 H Operation 1,000 M CP Operating Itemperature (key 0,000 °C 0,0000 H Operation 1,000 M CP Operating Itemperature (key 0,000 °C 0,0000 H Operation 1,000 M CP Operating Itemperature (key 0,000 °C 0,0000 H Operation	Cable identification	630
Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Calabie weigh 28, 4g/m Material jacket PUR Shore hardness mather (health) 4, 1 mm Totarano outer diameter (jacket) 4, 1 mm Totarano outer diameter (jacket) 5% Material jacket PUR Amount wires 3 Amount wires 3 Outer diameter insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 2,25 mm Outer diameter insulation 1, 0 m Q 25 °C Inorizontal Min: operating Itemperature (key 0, 0 °C 1000 °C 0,0000 H Operation 1,000 M CP Operating Itemperature (key 0, 0 °C 1000 °C 0,0000 H Operation 1,000 M CP Operating Itemperature (key 0, 0 °C 1000 °C 0,0000 H Operation 1,000 M CP Operating Itemperature (key 0,000 °C 0,0000 H Operation 1,000 M CP Operating Itemperature (key 0,000 °C 0,0000 H Operation 1,000 M CP Operating Itemperature (key 0,000 °C 0,0000 H Operation		
Anount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, block, blue       Cable weigh     26,4 g/m       Material jacket     PUR       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       Tolarance outer diameter (health)     4,5 %       Material wire insulation     PP       Anount wires     3       Outer diameter insulation     1,25 mm       Outer diameter insulation     1,5 %       Shore hardness wire insulation     1,25 mm       Outer diameter insulation     1,25 mm       Outer diameter insulation     1,25 mm       Outer diameter insulation     1,0 ± S hore D       Fingredent freeness wire insulation     1,0 ± S mm       Outer diameter insulation     1,0 ± S mm       Outer diameter oligingle wires     0,1 mm       Conductor trovesser wire insulation     1,0 m @ 25 °C Inorizontal       Nominal voltage AC max.     300 V       Conductor type (wire)     Strand class 6	Jacket Color	
Anount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, block, blue       Cable weigh     26,4 g/m       Material jacket     PUR       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       Tolarance outer diameter (health)     4,5 %       Material wire insulation     PP       Anount wires     3       Outer diameter insulation     1,25 mm       Outer diameter insulation     1,5 %       Shore hardness wire insulation     1,25 mm       Outer diameter insulation     1,25 mm       Outer diameter insulation     1,25 mm       Outer diameter insulation     1,0 ± S hore D       Fingredent freeness wire insulation     1,0 ± S mm       Outer diameter insulation     1,0 ± S mm       Outer diameter oligingle wires     0,1 mm       Conductor trovesser wire insulation     1,0 m @ 25 °C Inorizontal       Nominal voltage AC max.     300 V       Conductor type (wire)     Strand class 6	Type of Certificate	
Stranding   3 wires twisted     Wire atragement   brown, black, blue     Gable weight   26,4 g/m     Material jacket   90 ± 5 Shore A     Freedom from ingredents (jacket)   10 ± 5 Shore A     Freedom from ingredents (jacket)   4,1 mm     Tolerance outer diameter (jacket)   4,1 mm     Tolerance outer diameter (jacket)   5 %     Amount vives   3     Outer diameter insulation   PP     Amount vives   3     Outer diameter insulation   1,25 mm     Outer diameter insulation   12,5 mm     Outer diameter insulation   70 ± 5 Shore D     Ingredient freeness wire insulation   182 fmm <sup>2</sup> Amount strande (wire)   32     Diameter of single wires   0,1 mm     Conductor orssection (wire)   92 fmm <sup>2</sup> Diameter of single wires   0,1 mm     Conductor vires   Stranded copper wire, bare     Conductor vires   0 @ 25 °C   horizontal     Normial voltage AC max.   300 V     Current tod capapet/ ymm. wire   4,5 A     Electrical resistance line constant wire   79 0/km @ 30 °C     AC withsta		
wire arrangement     brown, black, blue       Cable weight     26.4 g/m       Material jacket     PUR       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 nm       Tolerance outer diameter (sheath)     ± 5 %       Material jacket     9P       Amount wices     3       Outer diameter insulation     1,25 mm       Canductor wire insulation     1 ead-free, cadmium-free, CFC-free, halogen-free       Amount strands (wire)     32       Diameter of single wires     0.1 nm       Conductor wire     Stranded copper wire, bare       Conductor wire     Stranded dass 6       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Nominal voltage AC max.     300 V       Current load capacity min. wire		3 wires twisted
Cable weigh 26,4 g/m   Material jacketi PUR   Shore hardness jackt 90 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free   Outer diameter (jacket) 4.1 mm   Tolerance outer diameter (jacket) ± 5 %   Material wie insulation PP   Amount wires 3   Outer diameter insulation 1,25 mm   Outer diameter insulation 1,25 mm   Outer diameter insulation 70 ± 5 Shore D   Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   Amount strands (wire) 32   Diameter of single wires 0.1 mm   Conductor crossection (wire) 0,25 mm <sup>2</sup> Material conductor wire Stranded copper wire, bare   Conductor vipe (wire) strande copper wire, bare   Conductor vipe (wire) stranded copper wire, bare   Conductor vipe (wire) 2,5 kV @ 60 s   Current load capacity (standard) to DIN VDE 0298-4   Current load capacity (wint wire) <td>-</td> <td></td>	-	
Material jacket     PUR       Shore hardness jacket     90 5 Shore A       Freedom from ingredients (jacket)     4,1 mm       Tolerance outer diameter (jacket)     4,1 mm       Tolerance outer diameter (jacket)     4,1 mm       Material vie insulation     PP       Amount wires     3       Outer diameter (jacket)     1,25 mm       Outer diameter insulation     1,25 mm       Outer diameter insulation     1,25 mm       Outer diameter insulation     10 ± 5 Shore D       Ingredient freeness wire insulation     164 free, cadmium-free, CFC-free, halogen-free, silicone-free       Annount strands (wire)     32       Diameter of single wires     0,1 mm       Conductor rosseedion (wire)     0,25 mm²       Material conductor wire     Strand cooper wire, bare       Conductor rype (wire)     strand class 6       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Nominal voltage AC max.     300 V       Current load capacity (standerd)     to DIN VDE 0298-4       Current load capacity (standerd)     to DIN VDE 0298-4       Current load capaciny (standerd)     to DIN VDE 0290 °C <td>-</td> <td></td>	-	
Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free       Outer-diameter (jacket)     4,1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     3       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     125 mm       Outer diameter (sheath)     32       Diameter of single wires     0,1 mm       Conductor crossection (wire)     32       Diameter of single wires     0,1 mm       Conductor vise     Stranded copper wire, bare       Conductor wire     Strande Copper		
Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     4.1 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Annount wires     3       Outer diameter insulation     1,25 mm       Outer diameter insulation     1,25 mm       Outer diameter insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Amount strands (wire)     32       Diameter of single wires     0,1 mm       Conductor very (wire)     5 stranded copper wire, bare       Conductor very (wire)     Stranded copper wire, bare       Current cad capacity min. wire     4,5 A       Electrical resistance line constant wire     79 D/km @ 20 °C       AC withstand voltage (wire - wire)     2,5 kV @ 60 s       Power frequency withstand voltage (wire - wire)		
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 tolerance core insulation     ± 5 %       Shore hardness wire insulation     1,4 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Amount strands (wire)     32       Diameter of sile wires     0,1 mm       Conductor crosssection (wire)     0,25 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     stranded copper wire, bare       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity min, wire     4,5 A       Electrical resistance line constant wire     79 0/km @ 20 °C       AC withstand voltage (wire - wire)     2,5 kV @ 60 s <tr< td=""><td></td><td></td></tr<>		
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     Ingredient freeness wire insulation   70 ± 5 Shore D     Ingredient freeness wire insulation   82     Diameter of single wires   0,1 mm     Conductor crosssection (wire)   0.25 mm²     Material conductor wire   Stranded copper wire, bare     Conductor vige   strand class 6     Cranductor wire)   strand class 6     Crarversing distance (C-track)   10 m @ 25 °C ( horizontal     Nominal voitage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity win. wire   4.5 A     Power frequency withstand voitage (wire - if a 0 %C @ 0.5 %     Power frequency withstand voitage (wire - if a 0 %C @ 0.5 % C @ 0.5 %     Min. operating temperatu		
Material wire insulation     PP       Amount wires     3       Outer diameter insulation     1,25 mm       Outer diameter insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     125 mm       Amount standk (wire)     32       Diameter of single wires     0,1 mm       Conductor crosseection (wire)     0,25 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Nominal voltage AC max.     300 V       Current load capacity min. wire     4,5 A       Electrical resistance ine constant wire     79 ΩKm @ 20 °C       AC withstand voltage (wire - wire)     2,5 kV @ 60 s       packet()     .25 mV © 0 °C @ 10000 h Operation       Operating temperature (static)     .40 °C       Max. operating temperature (static)     .40 °C       Max. operating temperature max. (dynamic)     .25 °C       Operating temperature max. (dynamic)     .25 °C       Operating temperature max. (dynamic)     80 °C / 90 °C @		·
Amount wires3Outer diameter insulation1.25 mmOuter diameter tolerance core insulation $\pm$ 5 %Shore hardness wire insulation70 $\pm$ 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor vorsessection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Conductor type (wire)stranded copper wire, bareConductor type (wire)stranded copper wire, bareCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-0Pow		
Outer diameter insulation     1.25 mm       Outer diameter tolerance core insulation     ± 5 %       Shore harchess wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     Iead-free, cadmium-free, CFC-free, halogen-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 dass 6       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Nominal voltage AC max.     300 V       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (wire - wire)     2.5 KV @ 60 s       Power frequency withstand voltage (wire - izekt)     2.5 KV @ 60 s       Min. operating temperature (static)     -40 °C       Max. o		
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)     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)     10 m @ 25 °C   horizontal       Nominal voltage AC max.     300 V       Current load capacity (standard)     to DIN VDE 0298-4       Cavithstand voltage (wire - wire)     2,5 kV @ 60 s       Power frequency withstand voltage (wire - wire)     2,5 kV @ 60 s       Min. operating temperature (static)     -40 °C       Max. operating temperature (static)     -40 °C       Operating temperature (static)     -50 °C       Operating t		
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)     32       Diameter of single wires     0,1 mm       Conductor rossesction (wire)     0.25 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Nominal voltage AC max.     300 V       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       AC withstand voltage (wire -     2,5 kV @ 60 s       Power frequency withstand voltage (wire -     2,5 kV @ 60 s       Max. operating temperature (static)     40 °C       Max. operating temperature (static)     40 °C       Max. operating temperature (static)     80 °C / 90 °C @ 10000 h Operation       Operating temperature (static)     80 °C / 90 °C @ 10000 h Operation       UV resistance     DIN EN ISO 4892-2 A       Flame resistance     Good, application-related testing		
Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-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)   10 m @ 25 °C   horizontal     Nominal voltage AC max.   300 V     Current load capacity (standard)   to IN VDE 0298-4     Rectrical resistance line constant wire   79 0/km @ 20 °C     Ac withstand voltage (wire - wire)   2,5 kV @ 60 s     Min. operating temperature (static)   -40 °C     Max. operating temperature (static)   -40 °C     Min. operating temperature (static)   80 °C / 90 °C @ 10000 h		
Amount strands (wire)   32     Diameter of single wires   0,1 mm     Conductor wire   0,25 mm²     Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   strand class 6     Traversing distance (C-track)   10 m @ 25 °C   horizontal     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Mine operating temperature 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 max. (dynamic)   25 °C     Operating temperature max. (dynamic)   80 °C / 90 °C @ 10000 h Operation <t< td=""><td></td><td></td></t<>		
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)     10 m @ 25 °C   horizontal       Nominal voltage AC max.     300 V       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (staindard)     to DIN VE 02 %C       AC withstand voltage (wire - wire)     2,5 kV @ 60 s       Min. operating temperature (static)     -40 °C       Max. operating	-	
Conductor crosssection (wire)     0,25 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Nominal voltage AC max.     300 V       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (standard)     2,5 kV @ 60 s       Power frequency withstand voltage (wire - wire)     2,5 kV @ 60 s       Ac withstand voltage (wire - wire)     2,5 kV @ 60 s       Max. operating temperature (statc)     -40 °C       Max. operating temperature (statc)     -40 °C       UP resistance     DIN EN ISO 4892-2 A       Flame resistan	. ,	
Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 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 (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - vire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sUN coperating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)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 resistance </td <td></td> <td></td>		
Conductor type (wire)strand class 6Traversing distance (C-track)10 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. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - lacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (mix. (dynamic))-25 °COperating temperature min. (dynamic)-25 °COperating temperature min. (dynamic)-25 °COperating tersistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1000   UL 1581 § 1100 FT2   IEC 60332-2-2chemical resistanceGood, application-related testingGoll resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.		· · · · · · · · · · · · · · · · · · ·
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Oil resistance   Good, application-related testing   DIN EN 60811-404     Bending radius (fixed)   5 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     Travel speed (C-track)   10 Mio. @ 25 °C     No. of torsion cycles   2 Mio.	chemical resistance	Good, application-related testing
Bending radius (fixed)   5 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     Travel speed (C-track)   10 Mio. @ 25 °C     No. of torsion cycles   2 Mio.	Gasoline resistance	
Bending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.	Oil resistance	Good, application-related testing   DIN EN 60811-404
Travel speed (C-track) 10 Mio. @ 25 °C   No. of torsion cycles 2 Mio.	Bending radius (fixed)	5 x Outer diameter
No. of torsion cycles 2 Mio.	Bending radius (dynamic)	10 x Outer diameter
	Travel speed (C-track)	10 Mio. @ 25 °C
Torsion stress ± 180 °/m	No. of torsion cycles	2 Mio.
	Torsion stress	± 180 °/m

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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: 2024-05-17