

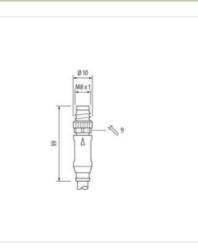
## M8 male 0° / M12 female 0° A-cod.

PUR 4x0.25 bk UL/CSA+drag ch. 20m

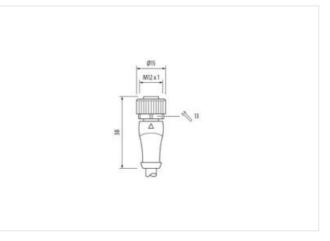
Male straight – female straight M8 – M12, 4-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



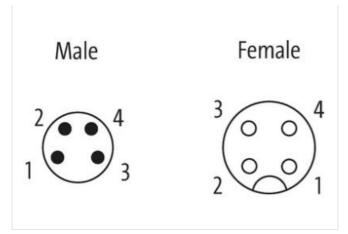


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The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26





Product may differ from Image



Cable length	20 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material contact	Copper alloy
No. of poles	4
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $Ø$ )	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	4
Width across flats	SW13
Commercial data	
ECLASS-6.0	27061801
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
customs tariff number	85444290
GTIN	4048879864565
Packaging unit	1
Electrical data   Supply	

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Openating voltage AC (U. listed)         S0 V           Openating voltage AC (U. listed)         S0 V           Current genating sec construms.         4 A           Device proceled. [Ede/fiel]         S0 V           Device proceled. [Ede/fiel]         S0 V           Device proceled. [Ede/fiel]         S0 V           Device proceled. [Ede/fiel]         PS0 V           Device proceled. [Ede/fiel]         S0 V           Matter al proceled. [Ede/fiel]         S0 V           Device proceled. [Ede/fiel]         I           Mechanical datal Material data         TS0 V           Matterial proceled. [Ede/fiel]         I           Device proceled. [Ede/fiel]         IN Bediel           Matterial proceled. [Ede/fiel]         IN Bediel           Matterial proceled. [Ede/fiel]         IN Bediel           Matterial proceled. [Ede/fiel]         IN Bediel]           Material proceled. [Ede/fiel]         IN Bediel	Operating voltage AC max.	50 V
Operating voltage AC (3.1.*elsed)         30 V           Operating voltage AC (3.1.*elsed)         30 V           Operating voltage AC (3.1.*elsed)         30 V           Device protection [Electical         PDE-prove protection (FL IIC DSDS-)           Device protection (FL IIC DSDS-)         IPDS, IPPS, I		60 V
Operating per contract max.         4 A           Device protection [Electrical         E           Degree of protection [Electrical         E           Degree of protection [Electrical         E           Degree of protection [Electrical         E           Additional condition         E           Mechanical data         Mechanical data           Conding boding         Nickeled           Material group (EC 60064-1)         I           Mechanical data         Mechanical data           Conding boding         PUN           Looling mathel         FIOA           Material group (EC 60064-1)         Inserted, sorewed, Shaking protection           Environmental characteristics (Climatic         Climatic           Operating temperature min.         -25 °C           Op		
Current logarating per contact max.         4 A           Device protection   Electrical           Device protection (EN INC 6055)         IP65, IP67, IP68, IP66K           Addition contrice rolesce         inserted, screwed           Patient Depresent (EN INC 6055)         I           Readed surge voltage         1           Recharical data (Material data)         I           Mechanical data (Material data)         PUR           Locking material         Zor die casting           Mechanical data (Material data)         Material position           Mechanical data (Material data)         PUR           Locking material         Zor die casting           Mechanical data (Material data)         Material position           Environmental characteristics (Climatic         Questing temperature max.           Operating temperature min.         -25 ° C           Conformity         -26 ° C           Device data (Material contrice) <t< td=""><td></td><td></td></t<>		
Device protection   Electrical         IP68, IP67, IP68, I		
Degree of protection (EN ICE 08029)IP86, IP67, IP68, IP66KAdditional condition protection degreeinserted, screwedPollution Degree3Rated arupe vitiligite1, 5 kVMatarial group (ICE 08064-1)1Incentation (ID Material data)Incentation (ID Material data)Matarial group (ICE 08064-1)1Matarial group (ICE 08064-1)2Poraling temperature max.25 °CContornity2Product standard0Disc 10 (ICE 080-1)3Standard 10Standard 10Matarial group (ICE 0806-1)1Standard 10Jackel Color1Datak0Standard 21Matarial group (ICE 0806-1)1Standard 21Matarial group (ICE 0806-1)1Standard 21Matarial group (ICE 0806-1)1Standard 2 <t< td=""><td></td><td>48</td></t<>		48
Additional condition protection degree       inserted, screwed         Pollution Dugree       3         Rated surge vortage       1.5 kV         Material group (EC 6068-1)       1         Mechanical data (Material data)       Coding lociting         Material positing       PUR         Locking material       Zino de-casting         Material positing       PUR         Locking material       Zino de-casting         Mechanical data (Mounting data)       Unice of a screwed, Shaking protection         Environmental characteristics (Climatic       Community         Operating temperature min.       25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Contomity       Product standad       DIN EN 61076-2-114 (M12), DIN EN 61076-2-114 (M8)         Instaltation (Gabe       S1       Cable Type       3         Jacker Color       black       S1       Cable Type       3	Device protection   Electrical	
Palated surge voltage         3           Rated surge voltage         1.5 kV           Material group (ECE 6668-1)         1           Mechanical data   Material data         Coafing locking           Material grask         FKM           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature min.         25 °C           Contomity         Contomity           Product standard         DIN EN 61076-2-114 (MB)           Instaliation (Cable         Colloniation           Cable contrification         631           Cable Color         black           Type of Certificate         cultus           Arrows Isranding         1           Stranding         1           Stranding         4 wive twinted           Wrive twinted         92 °C	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Pated surge vortage         1.5 kV           Material group (IEC 60664-1)         1           Mechanical date [Material data]         Mechanical data [Material data]           Coaling locking         Nickeled           Material gasket         FXM           Material gasket         FXM           Material anomy gasket         FXM           Material facility (State)         PUR           Locking material         Zino die-casting           Mechanical data [Mounting data]         Zino die-casting           Mechanical data [Mounting data]         Zino die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Conformity           Product standard         DIN EN 61076-2-114 (M2); DIN EN 61076-2-114 (M8)           Material Gable         Environmental Gable           Cable identification         631           Cable identification         631           Cable identification         1           Stranding         4 wires twistad           wire arrangement         brown, black, blow, white           No or bonding cycles (C-track)         10 Mice, 25 °C           Cable weigh         33 grm           Material jackol         9 UR	Additional condition protection degree	inserted, screwed
Material group (EC 60684 1)         I           Mechanical data (Material data         Coaling locking           Cabing locking         PUR           Material pasket         FKM           Material housing         PUR           Locking material         Zin die casing           Mechanical data   Mounting data         Mouting method           Fervinonmetal characteristics   Olimati         PUR           Controling bemperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         B5 °C           Additional contitot temperature range         depending on cable quality           Contomity         Product standard         DIN EN 61076-2-110 (M12), DIN EN 61076-2-114 (M8)           Instatistion   Cable         Cable Chefication         631           Cable Chefication         631         Cable Chefication           Cable Chefication         631         Cable Chefication           Stranding         1         Stranding           Yipe of Cheficatia         cuRNus         Stranding           Nu of bending cycles (C-track)         10 Min. @ 25 °C           Cable weight         33 g/m           Material jackekt	Pollution Degree	3
Mechanical data   Material data           Caaling looking         Nockeled           Material pace         FXM           Material pace         FXM           Material pace         Zinc dis-casting           Mechanical data   Mouning material         Zinc dis-casting           Mechanical data   Mouning material         Zinc dis-casting           Mechanical data   Mouning material         Zinc dis-casting           Mouning material         Description (2000)           Extremental characteristics   Climatic         Operating temperature min.           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conternity         Product standard           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M6)           Installation   Cable         Cable Type           Cable Type         3           Jacker Caol         UBus           Amount standard         DIN EN 61076-2-114 (M6)           Stranding         4 wires twisted           wire arragement         back           Type of Certificate         CUBus           Amount stranding         1           Stranding yedue (		1,5 kV
Coating tocking         Nickeled           Material pasket         FKM           Material pasket         FKM           Locking material         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Exvironmental characteristics [Climatic         Environmental characteristics [Climatic           Operating temperature main.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Centomity            Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation [Coble            Cable damitification         631           Cable damitification         631 <t< td=""><td>Material group (IEC 60664-1)</td><td>1</td></t<>	Material group (IEC 60664-1)	1
Material gasket         FKM           Material housing         PUR           Locking method         Inserted, screwed, Shaking protection           Environmental characteristics ( Climatic         Common State S	Mechanical data   Material data	
Material housing         PUR           Locking material         Zinc die-casting           Mechanical data / Mounting data         Mounting method           Inserted, screwed. Shaking protection         Environmental characteristics / Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Product standard           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation (Cable         Cable identification           Cable identification         631           Cable identification         631           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           No. of berding cycles (C+rack)         10 Mio. @ 25 °C           Cable weigh         33 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom tion ingredents (jacket)         Iead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (jacket)         4.5 rm	Coating locking	Nickeled
Material housing         PUR           Locking material         Zinc die-casting           Mechanical data / Mounting data         Mounting method           Inserted, screwed, Shaking protoction         Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Concomity         Environmental Clamatic Clamatic           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation Clable         Environmental clamatic Clamatic           Cable identification         631           Cable Identification         631           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires wlated           wire arrangement         brown, black, blue, white           No. of bending cycles (C track)         10 M6. @ 25 °C           Cable weigh         33 g/m           Material jacket         PUR           Shore hardness jacket         PUR           Shore hardness jacket         90 ± 5 Shore 0           Cubre weight         4.5 rm           Tolerance outer diameter (jakely) <t< td=""><td></td><td>FKM</td></t<>		FKM
Mechanical data   Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic	-	PUR
Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic	Locking material	Zinc die-casting
Mounting method         inserted, sorewed, Shaking protection           Environmental characteristics   Climatic         25 °C           Operating temperature max.         68 °C           Additional condition temperature range         depending on cable quality           Conformity         Product standard           DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable           Cable identification         631           Cable identification         631           Cable identification         631           Cable identification         631           Cable Color         black           Type of Carlificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigh         33 g/m           Material jackt         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom Iron ingredients (jacket)         Lead-tree, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (isaket)         1,25 mm           Outer diameter isaulation         1,25 mm           Outer diameter isaulation         <	, , , , , , , , , , , , , , , , , , ,	
Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Product standard           Din En 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable           Cable diventification         631           Cable Type         3           Jacket Color         black           Type of Cortificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, while           No. ot berding cycles (C-track)         10 Mio. @ 25 °C           Cable weigh         33 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 (gacket)         4 5 %           Material wire insulation         125 Shore A           Freedom from ingredients (jacket)         5 %           Material wire insulation         125 %           Material wire insulation         125 %		
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Product standard           DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Gable           Cable identification         631           Cable identification         631           Cable Type         3           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, while           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weight         33 g/m           Material jacket         PUR           Shore hardness jackt         90 ± 5 Shore A           Freedom from ingredients (jacket)         1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Anount Wires         4           Outer diameter (sheath)         ± 5 %           Material wire insulation         7.2 £ Shore D           Ingredient fu	-	Inserted, screwed, Shaking protection
Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         IN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation I Cable         Cable identification           Cable identification         631           Stranding         4 wires twisted           Wire arrangement         black, blue, while           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         33 g/m           Material jacket         PUR           Shore hardness iacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         4.5 mm           Tolerance outer diameter (jsheath)         ± 5 %	Environmental characteristics   Climatic	
Aditional condition temperature range       depending on cable quality         Conformity       IN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable       Cable identification         Cable identification       631         Cable forpe       3         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         No. of bending cycles (C-track)       10 Mio. @ 25 °G         Cable weigh       33 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)       4,5 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       4         Outer diameter insulation       1.25 mm         Outer diameter insulation       1.25 Shore D         Ingredient feeness wire insulation       1.25 Shore D         Ingredient feeness wire insulation       1.25 Shore D         Ingredient freeness wire insulation	Operating temperature min.	-25 °C
Contornity           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable           Cable identification         631           Cable Type         3           Jackter Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         33 g/m           Material jackt         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer clameter (jacket)         4.5 nm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         1,25 nm           Outer diameter insulation         1,25 sm           Shore hardness wrin insulation         1,25 nm	Operating temperature max.	85 °C
Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable       Cable identification     631       Cable Identification     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       No. of bending cycles (C-track)     10 Mio. @ 25 °C       Cable weigh     33 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmum-free, CFC-free, halogen-free, silicone-free       Outer diameter (gaket)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     125 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     10 ± 5 Shore D       Ingredient freeness wire insulation     18 ± 5 %       Shore hardness wire insulation     18 ± 5 %       Shore hardness wire insulation     19 ± 5 \$%	Additional condition temperature range	depending on cable quality
Installation   Cable           Cable identification         631           Cable Type         3           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigh         33 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         14.5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter tolerance core insulation         ± 25 %           Material wire insulation         PP           Amount wires         4           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         10.25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         10.25 mm           Outer diameter tolerance core insulation         ± 25 mm           Diameter of s	Conformity	
Installation   Cable           Cable identification         631           Cable Type         3           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigh         33 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         14.5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter tolerance core insulation         ± 25 %           Material wire insulation         PP           Amount wires         4           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         10.25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         10.25 mm           Outer diameter tolerance core insulation         ± 25 mm           Diameter of s	Product standard	DIN EN 61076-2-101 (M12). DIN EN 61076-2-114 (M8)
Cable identification631Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth33 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material jackPPAmount wires4Outer diameter toisulationPPAmount wires4Outer diameter toisulation1,25 mmOuter diameter toisulation32Diameter of single wires0,1 mmConductor wireStranded copper wire, bareConductor type (wire)strande copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4		
Cable Type3Jacket ColorblackType of CertificatecJRusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth33 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-cliameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material jacketPPAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation5 % Shore DIngredient freeness wire insulation1,25 mmOuter of ameter tolerance core insulation± 5 %Macunt wires32Diameter of single wires0,1 mmConductor wire0,25 mm <sup>3</sup> Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4		
Jackel ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth33 g/mMaterial jacketPURShore hardness jacket90 $\pm$ 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath) $\pm$ 5 %Material wire insulationPPAmount wires4Outer diameter Iolerance core insulation1,25 mmOuter diameter Iolerance core insulation70 $\pm$ 5 Shore DIngredient freeness wire insulation70 $\pm$ 5 Shore DIngredient freeness wire insulation82Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4		
Type of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth33 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,5 mmToferance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter free, scathium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor oriesStranded copper wire, bareConductor type (wire)Stranded copper wire, bareConductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance	Cable Type	3
Amount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth33 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (gacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation10 ± 5 %Shore hardness wire insulation22 Shore CFC-free, halogen-free, silicone-freeOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor orwiseStranded copper wire, bareConductor wireStranded copper wire, bareConductor wireStranded copper wire, bareConductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4		
Stranding4 wires twistedwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth33 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %.Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore DIngredient free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter of single wires0,1 mmConductor crossection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor crossection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor vire(C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4		
wire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth33 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance ocre insulation1,25 mmOuter diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wire0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor vireStranded copper	Type of Certificate	cURus
No. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth33 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount 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)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate Amount stranding	cURus 1
Cable weigth       33 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)       4,5 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       4         Outer diameter tolerance core insulation       1,25 mm         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       ± 5 %         Shore hardness wire insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Amount strands (wire)       32         Diameter of single wires       0,1 mm         Conductor rosssection (wire)       0,25 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distanc	Type of Certificate Amount stranding Stranding	cURus 1 4 wires twisted
Material jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strande copper wire, bareConductor type (wire)strande copper wire, bareConductor type (wire)to DIN VDE 0298-4	Type of Certificate Amount stranding Stranding wire arrangement	cURus       1       4 wires twisted       brown, black, blue, white
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount 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)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount 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)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m
Outer-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crossection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR
Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount 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)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A
Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount 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)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount 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)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,5 mm
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeAmount 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)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,5 mm         ± 5 %
Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount 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)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,5 mm         ± 5 %         PP
Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeAmount 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)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,5 mm         ± 5 %         PP         4
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount 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)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,5 mm         ± 5 %         PP         4         1,25 mm
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)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationOuter diameter tolerance core insulation	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,5 mm         ± 5 %         PP         4         1,25 mm         ± 5 %
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         Current load capacity (standard)       to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter tolerance core insulation         Shore hardness wire insulation	cURus14 wires twistedbrown, black, blue, white10 Mio. @ 25 °C33 g/mPUR90 ± 5 Shore Alead-free, cadmium-free, CFC-free, halogen-free4,5 mm± 5 %PP41,25 mm± 5 %70 ± 5 Shore D
Conductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter tolerance core insulation         Outer diameter tolerance core insulation         Shore hardness wire insulation	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,5 mm         ± 5 %         PP         4         1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4	Type of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationShore hardness wire insulationIngredient freeness wire insulationAmount strands (wire)	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,5 mm         ± 5 %         PP         4         1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         32
Conductor type (wire)     strand class 6       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Current load capacity (standard)     to DIN VDE 0298-4	Type of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationOuter diameter tolerance core insulationShore hardness wire insulationIngredient freeness wire insulationIngredient freeness wire insulationAmount strands (wire)Diameter of single wires	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,5 mm         ± 5 %         PP         4         1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         32         0,1 mm
Traversing distance (C-track)     10 m @ 25 °C   horizontal       Current load capacity (standard)     to DIN VDE 0298-4	Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter tolerance core insulation         Shore hardness wire insulation         Ingredient freeness wire insulation         Amount strands (wire)         Diameter of single wires         Conductor crosssection (wire)	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,5 mm         ± 5 %         PP         4         1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         32         0,1 mm         0,25 mm <sup>2</sup>
Current load capacity (standard) to DIN VDE 0298-4	Type of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationOuter diameter tolerance core insulationShore hardness wire insulationIngredient freeness wire insulationIngredient freeness wire insulationAmount strands (wire)Diameter of single wiresConductor crosssection (wire)Material conductor wire	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,5 mm         ± 5 %         PP         4         1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         32         0,1 mm         0,25 mm²         Stranded copper wire, bare
	Type of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationOuter diameter tolerance core insulationShore hardness wire insulationIngredient freeness wire insulationIngredient freeness wire insulationDiameter of single wiresConductor crosssection (wire)Material conductor wireConductor type (wire)	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,5 mm         ± 5 %         PP         4         1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         32         0,1 mm         0,25 mm²         Stranded copper wire, bare         strand class 6
rmation in this Product-PDF has been compiled with the utmost care.	Type of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationOuter diameter tolerance core insulationShore hardness wire insulationIngredient freeness wire insulationIngredient freeness wire insulationAmount strands (wire)Diameter of single wiresConductor crosssection (wire)Material conductor wireConductor type (wire)Traversing distance (C-track)	cURus         1         4 wires twisted         brown, black, blue, white         10 Mio. @ 25 °C         33 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4.5 mm         ± 5 %         PP         4         1,25 mm         ± 5 %         70 ± 5 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         32         0,1 mm         0,25 mm²         Stranded copper wire, bare         strand class 6         10 m @ 25 °C   horizontal

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Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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