

## M8 male 90° / M12 female 0° A-cod.

PUR 3x0.25 bk UL/CSA 0.3m

## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male 90° - female straight

M8 - M12, 3-pole

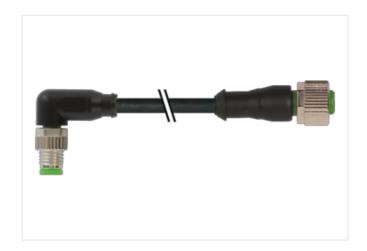
Further cable lengths on request.

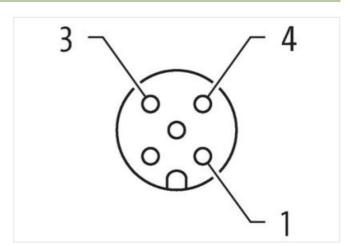
Plastic housings with good resistance against chemicals and oils.

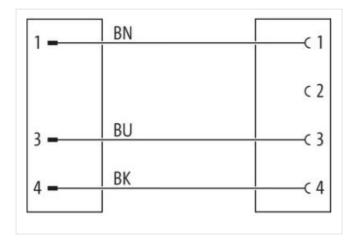
The resistance to aggressive media should be individually tested for your application. Further details on request.

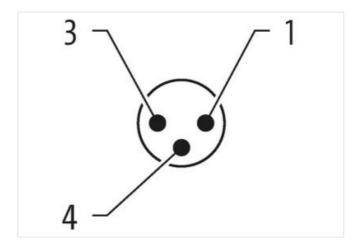
## **Link to Product**

## Illustration



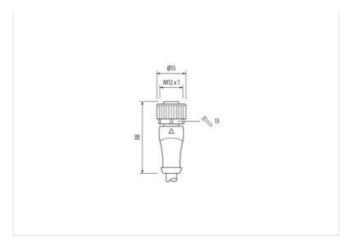


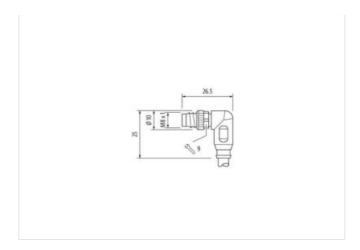






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Product may differ from Image











Cable length	0,3 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Width across flats	SW13
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	4048879563611
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

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: 2024-06-23



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Current operating per contact max.  Device protection (ENUEC 60529)  IPES, IPES, IPES, IPES, IPES  Poblation Degree  Poblation Degree  3 Rated surge voltage  1,5 kV  IMechanical data (Material data)  Cooling locking  Mechanical data (Mounting data)  Imechanical data (Mounting data)  Mounting method  Inserted, screwed, Shaking protection  Environmental characteristics   Climate	Operating voltage DC (UL-listed)	30 V
Degree of protection (EN IEC 68529) IP66, IP67, IP68, IP68K Additional contiling protection degree insented, serewed Pollution Degree 3 Rand surge voltage 1,5 kV  Mechanical data (Material data)  Me	,	4 A
Degree of protection (EN IEC 80529)         IP65, IP67, IP68, IP66K           Additional condition protection degree         inserted, sorewed           Pollution Degree         3           Rand surge voltage         1,5 kV           Mechanical data   Material data         Nickeled           Cading looking         Nickeled           Material housing         PUR           Locking material         Zinc die casting           Mechanical data   Mounting data         William (Company)           Environmental characteristics   Climate         Commonstration           Environmental characteristics   Climate         Coperating temperature min.         25 °C           Operating temperature min.         25 °C         Coperating temperature min.         25 °C           Coperating temperature may.         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)         Product standard           Installation   Cable         620         Cable (entitieston)		
Additional condition protection degree inserted, screwed Pollution Degree 3 3 Rated surge voltage 1,5 kV  Rechanical data   Material data Coating locking Nickeled Material housing PUR Locking material Zinc die-easting  Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Conformity  Froduct standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable instituction   Cable  Cable		IDES IDES IDES IDES
Pollution Degree   3   Rated surge voltage   1.5 kV	<u> </u>	
Rated surge voltage 1,5 kV  Mochanical data   Material data  Coating locking Nickeled   Material housing PUR   Locking material	<u> </u>	· · · · · · · · · · · · · · · · · · ·
Mechanical data   Material data   Material data   Coating   Cooking material   Zinc die casting   PUR   Cocking material   Zinc die casting   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Coperating temperature min.		
Coating locking Nickeled Material housing PUR Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature min25 °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 (antification 620 Cable Type 2 Lacket Cofor Black Amount stranding I   Stranding 3 wires twisted  wire arrangment brown, black, bue Cable weigh 26,8 g/m Material jacket PUR Shore hardness jacket Predom from ingedients (packet) leads-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (packet) 4,3 mm Tolerance outer diameter (sheath) 45 % Shore hardness wire insulation 14,25 mm Material properties wire insulation 20 of material properties wire insulation 20 of material properties wire insulation 32 mm  Outer diameter insulation 43 ± 5 Shore D  Material properties wire insulation 12,25 mm  Material wire strands wire insulation 20 of machinability (ingredient fecenses wire insulation 32 mm  Tolerance outer diameter folerance core insulation 32 Shore D  Material properties wire insulation 32 CH mm  Material wire strands (wire) 32 Diameter of single wires Charles Stranded copper wire, bare  Conductor type (wire) 5 mm 25 °C Inorizontal  Traversing distance (C Vacak) 5 mm 25 °C Inorizontal  Traversing distance (C Vacak) 5 mm 25 °C Inorizontal  Traversing distance (C Vacak) 5 mm 25 °C Inorizontal  Traversing distance (C Vacak) 5 mm 25 °C Inorizontal		1,5 KV
Material housing	·	
Locking material   Zinc die-casting		
Mechanical 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         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         Cable identification         620           Cable identification         620         Cable Type         2           Jacket Color         black         Display         2           Type of Certificate         cUPus         Amount stranding         1           Stranding         1         1         Stranding         1           Stranding         3 wires twisted         3         4 <th< td=""><td>Material housing</td><td><del>-</del></td></th<>	Material housing	<del>-</del>
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature min25 °C Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61078-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable Cable identification 620 Cable Type 2 Jacket Color black Type 1 Certificate cURUs Amount stranding 1 Stranding 3 wires twisted Amount stranding 1 Stranding 3 wires twisted Cable weigh 26,82 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) ± 5 % Material wire insulation 1,25 mm Outer diameter foliance or cere insulation 1,25 mm Outer diameter rolerance core insulation 1,25 mm Outer diameter rolerance core insulation 1,25 mm Cenductor crossection (wire) 0,25 mm² Material giadnese wire insulation 1,25 mm Cenductor crossection (wire) 0,25 mm² Material giadnese wire insulation 1,25 mm Cenductor crossection (wire) 0,25 mm² Material giadnese (wire) 32 Diameter of single wires 1,1 mm Cenductor crossection (wire) 0,25 mm² Material gloadnese (Crack) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Travel speed (C-track) 5 m @ 25 °C   horizontal 1 Tr	Locking material	Zinc die-casting
Environmental characteristics   Climatic	Mechanical data   Mounting data	
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 dentification         620           Cable Type         2         2           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weight         26,62 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         4.3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         1,25 mm           Outer diameter (sheath)         ± 5 %           Material wire insulation         1,25 mm           Outer diameter (shear insulation         1,25 mm           Outer diameter insulation         1,25 mm           Outer diameter (shear insulation         1,25 mm           Outer diameter insulation	Mounting method	inserted, screwed, Shaking protection
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 identification         620           Cable identification         620         Cable identification         Cable identification           Cable Type         2         Jacket Color         black           Type of Certificate         cURus         CURus           Amount stranding         1         Stranding         3 wires twisted           wire arrangement         brown, black, blue         December of the public o	Environmental characteristics   Climatic	
Additional condition temperature range   depending on cable quality	Operating temperature min.	-25 °C
Conformity         Contormity           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         Separation of Cable (M12), DIN EN 61076-2-114 (M8)           Cable Irype         2           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         26,62 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         good machinability           Ingredient freeness wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of sin	Operating temperature max.	85 °C
Product standard	Additional condition temperature range	depending on cable quality
Product standard	Conformity	
Cable identification         620           Cable type         2           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weight         26,62 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crossection (wire)         0,25 mm²           Material properties wire insulation         10,25 mm² </td <td>Product standard</td> <td>DIN EN 61076-2-101 (M12). DIN EN 61076-2-114 (M8)</td>	Product standard	DIN EN 61076-2-101 (M12). DIN EN 61076-2-114 (M8)
Cable Type         2           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         26,62 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,25 mm²           Material conductor wire         Stranded copper		
Cable Type 2 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,62 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Straversing distance (C-track) 5 m @ 25 °C   horizontal Traver speed (C-track) 5 m @ 25 °C   horizontal Current load capacity (standard) to DIN VDE 0298-4		600
Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,62 g/m Material jacket PUR Shore hardness jacket PUR Shore hardness jacket 85 ± S Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter core insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Traver sing distance (C-track) 5 m @ 25 °C   horizontal Travel speed (C-track) 5 m @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4		
Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 26,62 g/m  Material jacket PUR  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation 43 ± 5 %  Shore hardness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traver sing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 5 m @ 25 °C    Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		
Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,62 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 43 ± 5 %hore bardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C   horizontal Travel speed (C-track) 5 m @ 25 °C   Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4		
Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,62 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter rolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 40 dead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C   horizontal Travel speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4		
wire arrangement brown, black, blue  Cable weigth 26,62 g/m  Material jacket PUR  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		
Cable weight 26,62 g/m  Material jacket PUR  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		
Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C   horizontal Travel speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4		
Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		
Freedom from ingredients (jacket)  Outer-diameter (jacket)  A, 3 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PVC  Amount wires  3  Outer diameter tolerance core insulation  1,25 mm  Outer diameter tolerance core insulation  \$\frac{\frac{\pi}{2}}{5}\text{ Shore D}\$  Material properties wire insulation  Ingredient freeness wire insulation  Ingredient free, CFC-free, silicone-free  Amount strands (wire)  32  Diameter of single wires  0,1 mm  Conductor crosssection (wire)  0,25 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Stranded copper wire, bare  Conductor type (wire)  Stranded copper wire, bare  Conductor type (wire)  Stranded copper wire, bare  Outread conductor wire  Outread c		
Outer-diameter (jacket)       4,3 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PVC         Amount wires       3         Outer diameter insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       43 ± 5 Shore D         Material properties wire insulation       good machinability         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Amount strands (wire)       32         Diameter of single wires       0,1 mm         Conductor crosssection (wire)       0,25 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Travel speed (C-track)       2 Mio. @ 25 °C         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 0298-4	· · · · · · · · · · · · · · · · · · ·	
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		
Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ±5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		· · · · · · · · · · · · · · · · · · ·
Amount wires  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  \$\frac{\pmathcal{2}}{5}\text{ %}\$  Shore hardness wire insulation  Material properties wire insulation  Ingredient freeness wire insulation  Amount strands (wire)  Diameter of single wires  O,1 mm  Conductor crosssection (wire)  O,25 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Traversing distance (C-track)  Travel speed (C-track)  2 Mio. @ 25 °C  Nominal voltage AC max.  300 V  Current load capacity (standard)  1,25 mm  2,5 %  Shore D  43 ± 5 Shore D  43 ± 5 Shore D  5 %  800 dmachinability  Ingredient free, CFC-free, silicone-free  43 ± 5 Shore D  43 ± 5 Shore D  5 m  6 25 °C-free, silicone-free  Amount strands (wire)  32  Diameter of single wires  0,1 mm  Conductor crosssection (wire)  5 tranded copper wire, bare  Conductor type (wire)  5 m @ 25 °C   horizontal  Travel speed (C-track)  2 Mio. @ 25 °C  Nominal voltage AC max.  300 V  Current load capacity (standard)  to DIN VDE 0298-4		
Outer diameter tolerance core insulation $\pm 5\%$ Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4	Amount wires	
Outer diameter tolerance core insulation $\pm 5\%$ Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4	Outer diameter insulation	
Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		· · · · · · · · · · · · · · · · · · ·
Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		43 ± 5 Shore D
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 32  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		
Amount strands (wire)  Diameter of single wires  O,1 mm  Conductor crosssection (wire)  O,25 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  strand class 6  Traversing distance (C-track)  Travel speed (C-track)  Value 25 °C  Nominal voltage AC max.  300 V  Current load capacity (standard)  32  Non mm  O,25 mm²  Stranded copper wire, bare  Strand class 6  Travel speed (C-track)  2 Mio. @ 25 °C  Nominal voltage AC max.  300 V		
Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		
Conductor crosssection (wire)  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  strand class 6  Traversing distance (C-track)  Travel speed (C-track)  Vominal voltage AC max.  Sum of the property	. ,	· · ·
Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		· · · · · · · · · · · · · · · · · · ·
Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		· · · · · · · · · · · · · · · · · · ·
Traversing distance (C-track) 5 m @ 25 °C   horizontal  Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		
Travel speed (C-track) 2 Mio. @ 25 °C  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4		
Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4		
Current load capacity (standard) to DIN VDE 0298-4		
Electrical resistance line constant wire 79 Ω/km @ 20 °C		· · · · · · · · · · · · · · · · · · ·
AC withstand voltage (wire - wire) 2 kV @ 60 s	AC withstand voltage (wire - wire)	2 kV @ 60 s

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: 2024-06-23



Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter