

## M12 male 90° / M12 female 90° A-cod.

PUR 3x0.34 ye UL/CSA+drag ch. 1.5m

Male 90° - female 90° M12 - M12, 3-pole

bridged

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Plastic housings with good resistance against chemicals and oils.

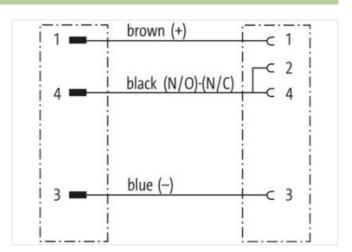
The resistance to aggressive media should be individually tested for your application. Further details on request.

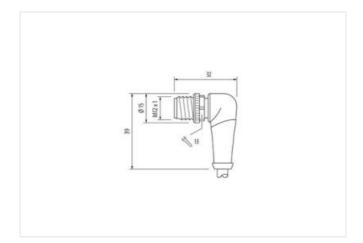
Further cable lengths on request.

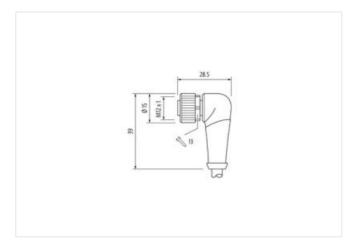
## **Link to Product**

## Illustration



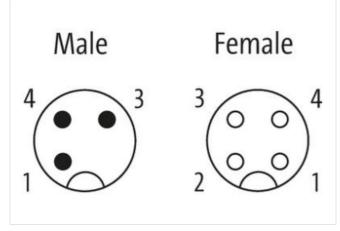








stay connected



Product may differ from Image













Cable length	1,5 m
Side 1	
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
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
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
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	27061801
customs tariff number	85444290
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation   Connection	

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



stay connected

Metorial group (IEC 80804-1)   1	Mounting set	M12 x 1
Metorial group (IEC 80804-1)   1	Device protection   Electrical	
Mechanical data   Material data   Mounting data   Locking material   Zinc dis-casting   Material soraw connection   Zinc dis-casting   Material soraw connection   Zinc dis-casting   Material data   Mounting data   Mounting method   Inserted, sorewed, Shaking protection   Environmental characteristics   Climatic   Operating temperature max.   25 °C   Operating temperature max.   25 °C   Operating temperature max.   25 °C   Additional condition temperature range   depending on cable quality   Controlly   Product standard   DIN EN 61078 2-101 (M12)   Installation   Cable   Cable installation   Since   Since   Cable installation   PP   Annound standard installation   PP   Annound trained	Additional condition protection degree	inserted, screwed
Mochanical data   Material data         Nokeled           Coating of Rifting         nickel plated           Locking material         Zinc die casting           Malerial szow connection         Zinc die casting           Material szow connection         Zinc die casting           Mechanical data   Mounting data         Werbenach data   Mounting data           Environmental characteristics   Climate         Coperating temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature may.         26 °C           Conformity         Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cabbe         Casting temperature range           Cable deriffication         033           Cable 1 Type         3           Lacket Color         yellow           Type of Certificate         cURsa           Amount stranding         1           Stranding         3 wires twisted           Win a zuragement         brown. Back. Bue           No. of bearing spicket         PUR           Shoro hardness gicket         PUR           Shoro hardness gicket         PUR           Amount mingredients (jacket)         1 5 %           Mat	Pollution Degree	3
Coaling toking         Neckeled           Coaling filting         nickled plated           Coaling of litting         nickled plated           Cocking material         Zinc die-casting           Mechanical data   Mounting data         Zinc die-casting           Wechanical data   Mounting data         Wechanical data   Mounting data           Environmental characteristics   Climate         Use of Company   Compa	Material group (IEC 60664-1)	1
Coating of fitting nickel plated cooking material and waterial screw connection Ziro de casting Material screw connection Ziro de casting Mechanical data   Mounting data   Mounting method inserted, screwed, Shaking protection    Environmental characteristics   Climatic   Operating temperature min25 °C   Operating temperature min25 °C   Operating temperature max85 °C   Operating temperature max95 °C   Operating	Mechanical data   Material data	
Coating of fitting         nickel plated           Locking material         Zim de-casting           Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature may.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Salacking and Cable Type         3           Gabie identification         033         3           Cable Type         3         3           Jacket Color         yellow           Type of Certificate         culRus           Amount stranding         1           Stranding         3 view twisted           wire arrangement         brown, black, blue           No. of bending cycles (C track)         10 Min.@ 25 °C           Cablib weight         PUR           Shore hardrices (acket)         4,1 mm           Colled animater (selection)         5 %           Outer diameter (selection)         12 S brove A           Freedom from ingredients (jacket)         5 %	Coating locking	Nickeled
Locking material Material server connection Material server connection Material server connection Material server connection Mounting method  Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature max.  85 °C  Operating temperature max.  85 °C  Additional condition temperature range  depending on cable quality  Conformity  Product standard  DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification  33  Cable identification  Cable identification  Cable identification  33  dacket Color  yollow  Type of Certificate  URus  Anount stranding  1  Stranding  3 wires twisted  wire arrangement  brown, black, blue  No. of bending cycles (C-track)  10 Mio. 29 °C  Cable weight  29.7 gm  Material jacket  PUR  Shore hardness jacket  90 °S Shore A  Freedom from ingredients (jacket)  Lead-Free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer diameter (jacket)  1 / 1 / 25 mm  Outer diameter (jacket)  1 / 25 °C  Conformity  PP  Anount strand  Tolerance outer diameter (sheath)  2 °S °C  Conformity  PP  Anount wires  3 Outer diameter insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from save sive insulation  70 °S Shore D  Ingredient from sav	Coating of fitting	nickel plated
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   Product standard   DIN EN 61076-2-101 (M12)   Installation   Cable   Cable identification   O33   Cable for yellow   3   Jackel Color   yellow   Type of Certificate   Culfus   Amount stranding   1   Stranding   3 wires twisted   Wire arrangement   brown, bisck, blue   No. of bending cycles (C-track)   10 Mio. @ 25 °C   Cable wight   29,7 ym   Material jacket   PUR   Shore hardness jacket   90 ± 5 Shore A   Freedom from ingredients (jacket)   4,1 mm   Tolerance outer diameter (sheath)   ± 5 %   Material view insulation   70 ± 5 Shore B   Culter diameter insulation   70 ± 5 Shore B   Culter diameter insulation   70 ± 5 Shore B   Culter diameter freeness wire insulation   70 ± 5 Shore B   Culter diameter freeness wire insulation   70 ± 5 Shore B   Culter diameter freeness wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore B   Culter diameter freenes wire insulation   70 ± 5 Shore	Locking material	
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic         25 °C           Operating temperature min.         25 °C           Additional condition temperature range         depending on cable quality           Conformity           Product standard         DIN EN 61075-2-101 (M12)           Installation   Cable           Cable identification         033           Cable Oppe         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigh         29,7 gm           Material jacket         PUR           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingedents (jacket)         4,1 mm           Tolerance outer diameter (elbeath)         ± 5 %           Amount wires         3           Outer diameter insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter insulation         1,25 mm	Mechanical data   Mounting data	
Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         operating pemperature.           Additional condition temperature range         DIN EN 61076-2-101 (M12)           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         03           Cable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mo. @ 25 °C           Cable weigth         29.7 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)         ± 1 mm           Tollerance under diameter (sheath)         ± 5 %           Material wire insulation         1,25 mm           Outer diameter insulation         1,25 mm           Outer diameter insulation         1,25 mm	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)           Installation   Cable         Cable identification         0.33           Cable identification         0.33         3           Cable identification         0.33         3           Jacked Color         yellow           Type of Certificate         cURus           Amount stranding         1         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mo. @ 25 °C           Cable weight         29,7 g/m           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 (sacket)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter (sacket)         1,25 mm           Outer diameter insulation         1,25 mm           Outer diameter wire insulation	Environmental characteristics   Climatic	
Additional condition temperature range         depending on cable quality           Contomity         DIN EN 61076-2-101 (M12)           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification         033           Cable Type         3         3           Jacket Color         yellow         9           Type of Certificate         URUs         4           Amount stranding         1         1           Stranding         3 wires wisted         4           wire arrangement         brown, black, blue         4           No. of bending cycles (C-track)         10 Mio. @ 25 °C         2           Cable weight         29.7 g/m         4           Material jacket         PUR         4           Shore hardness jacket         90 ± 5 Shore A         8           Freedom from ingredients (jacket)         4.1 mm         4           Tollar-ance outer diameter (sheath)         ± 5 %         4           Material wire insulation         PP         4           Amount wires         3         3         3           Outer diameter insulation         1.25 mm         4           User diameter insulation         7.0 ± S Nore D         4	Operating temperature min.	-25 °C
Conformity         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification           Cable identification         033           Cable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio @ 25 °C           Cable weigh         29,7 g/m           Material jacket         PUR           Shore hardness jaket         PUR           Shore hardness jaket         PUR           Shore Indigents (jacket)         18 ad-free, Cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,1 mm           Tollerance outer diameter (jacket)         4,2 mm           Amount wire         3           Outer diameter insulation         1,25 mm           Outer diameter roll cance core insulation         1,25 mm           Outer diameter rollorance core insulation         2,5 %           Provention freeness wire insulation         10 ± 5 Shore D           Ingredient freeness wire insulation         10 ± 5 Shore D           Ingredient	Operating temperature max.	85 °C
Conformity         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification           Cable identification         033           Cable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio @ 25 °C           Cable weigh         29,7 g/m           Material jacket         PUR           Shore hardness jaket         PUR           Shore hardness jaket         PUR           Shore Indigents (jacket)         18 ad-free, Cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,1 mm           Tollerance outer diameter (jacket)         4,2 mm           Amount wire         3           Outer diameter insulation         1,25 mm           Outer diameter roll cance core insulation         1,25 mm           Outer diameter rollorance core insulation         2,5 %           Provention freeness wire insulation         10 ± 5 Shore D           Ingredient freeness wire insulation         10 ± 5 Shore D           Ingredient	Additional condition temperature range	depending on cable quality
Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable     Cable identification   O33     Jacket Color   yellow     Type of Certificate   CURus     Amount stranding   1     Stranding   3   wires twisted     Wire arrangement   Drown, black, blue     No. of bending cycles (C-track)   10 Mio. @ 25 °C     Cable weight   29.7 g/m     Material jacket   PUR     Shore hardness jacket   PUR     Shore hardness jacket   1   1 mm     Tollerance outer diameter (sheath)   5 %     Amount wire insulation   PP     Amount wires   3     Outer diameter (sheath)   1.25 mm     Outer diameter rolerance core insulation   1.25 mm     Outer diameter rolerance core insulat	,	
Installation   Cable           Cable identification         033           Cable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weight         29,7 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           Tolerance outer diameter (spackt)         ± 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         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor type (wire)         strand class 6           Traversin		DIN EN 61076.2.101 (M12)
Cable Internation         033           Cable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigh         29,7 g/m           Material Jacket         PUR           Shore hardness 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           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter (barance core insulation         ± 5 mm           Outer diameter (sheath)         ± 5 %           Shore hardness wire insulation         ± 5 mm           Outer diameter (sheath)         ± 5 %           Shore hardness wire insulation         ± 5 %           Ingredient freeness wire insulation         ± 2 5 mm           Outer diameter (sheath)         ± 5 %		DIN EN 01070-2-101 (WI12)
Cable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         29,7 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           Tolerance outer diameter (sheath)         ± 5 %           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         8 ± 5 %           Shore hardness wire insulation         8 ± 7 Shore D           Ingredie	Installation   Cable	
Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         29,7 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           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter insulation         1,25 mm           Outer diameter swire insulation         1,25 mm           Outer diameter swire insulation         1,25 mm           Ingredient freeness wire insulation         1,25 mm	Cable identification	
Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         29,7 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           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         1,25 mm           Outer diameter insulation         10 ± 5 %           Shore hardness wire insulation         10 ± 5 %           Ingredient freeness wire insulation         10 ± 5 %           Ingredien		3
Amount stranding       1         Stranding       3 wires twisted         wire arrangement       brown, black, blue         No. of bending cycles (C-track)       10 Mio. @ 25 °C         Cable weigth       29,7 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         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       3         Outer diameter insulation       1,25 mm         Outer diameter tolerance core insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Amount strands (wire)       42         Diameter of single wires       0,1 mm         Conductor crosssection (wire)       0,34 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       10 m @ 25 °C   horizontal         Current load capacity (standard)		
Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 99±5 Shore A 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 Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 2,5 km Outer diameter insulation 7,25 Shore D Ingredient freeness wire insulation 7,25 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C   horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 0/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - jacket) 1,5 km		
wire arrangement brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 29,7 g/m  Material jacket PUR  Shore hardness jacket 90± 14,1 mm  Tolerance outer diameter (jacket) 4,1 mm  Tolerance outer diameter (sheath) ± 5 %  Material jacket insulation PP  Amount wires 3  Outer diameter tolerance core insulation 1,25 mm  Outer diameter tolerance core insulation 70± 5 Shore D  Ingredient freeness wire insulation 70± 5 Shore D  Ingredient freeness wire insulation 1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount wires  On the diameter of the free or the free		· · · · · · · · · · · · · · · · · · ·
No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         29,7 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           Tolerance outer diameter (sheath)         ± 5 %           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         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity win. wire         6 A           Electrical resista		
Cable weigth         29,7 g/m           Material jacket         PUR           Shore hardness jacket         90 ± S Shore A           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           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         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         6 A           Ele	-	
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           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         1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         6 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C </td <td></td> <td></td>		
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           Tolerance outer diameter (sheath)         ± 5 %           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         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         10 m@ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         6 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - jacket)         <		<del>-</del>
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           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         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         6 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand voltage power (wire - jacket)         2,5 kV @ 60 s		
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     70 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Amount strands (wire)     42       Diameter of single wires     0,1 mm       Conductor crosssection (wire)     0,34 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity min. wire     6 A       Electrical resistance line constant wire     57 Ω/km @ 20 °C       Nominal voltage power AC max.     300 V       Power frequency withstand voltage power (wire - jacket)     2,5 kV @ 60 s		
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 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Traversing distance (C-track) 10 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Electrical resistance line constant wire 57 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - jacket) 12,5 kV @ 60 s		
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 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C   horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - jacket) 2,5 kV @ 60 s		<u> </u>
Amount wires  3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 50 ± 5 % Shore hardness wire insulation 170 ± 5 Shore D Ingredient freeness wire insulation Ingredient free, cFC-free, halogen-free, silicone-free Ingredient freeness wire insulation Ingredient free, cFC-free, halogen-free, silicone-free Ingredient free, cFC-free, halogen-free, silicone-free Ingredient freeness wire insulation Ingred		
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C   horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - jacket) 2,5 kV @ 60 s		
Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Amount strands (wire)       42         Diameter of single wires       0,1 mm         Conductor crosssection (wire)       0,34 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       10 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       6 A         Electrical resistance line constant wire       57 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2,5 kV @ 60 s		
Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 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 0298-4Current load capacity min. wire6 AElectrical resistance line constant wire57 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 s		
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Amount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire6 AElectrical resistance line constant wire57 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 s		
Diameter of single wires       0,1 mm         Conductor crosssection (wire)       0,34 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         Current load capacity min. wire       6 A         Electrical resistance line constant wire       57 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2,5 kV @ 60 s		· · · · · · · · · · · · · · · · · · ·
Conductor crosssection (wire)       0,34 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         Current load capacity min. wire       6 A         Electrical resistance line constant wire       57 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2,5 kV @ 60 s		
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         Current load capacity min. wire       6 A         Electrical resistance line constant wire       57 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2,5 kV @ 60 s		· · · · · · · · · · · · · · · · · · ·
Conductor type (wire) strand class 6  Traversing distance (C-track) 10 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 6 A  Electrical resistance line constant wire 57 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - jacket) 2,5 kV @ 60 s		<u> </u>
Traversing distance (C-track)  10 m @ 25 °C   horizontal  Current load capacity (standard)  to DIN VDE 0298-4  Current load capacity min. wire  6 A  Electrical resistance line constant wire  57 Ω/km @ 20 °C  Nominal voltage power AC max.  300 V  Power frequency withstand voltage power (wire - jacket)  2,5 kV @ 60 s		
Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 6 A  Electrical resistance line constant wire 57 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - jacket) 2,5 kV @ 60 s		
Current load capacity min. wire 6 A  Electrical resistance line constant wire 57 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - jacket) 2,5 kV @ 60 s		
Electrical resistance line constant wire 57 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - jacket) 2,5 kV @ 60 s		
Nominal voltage power AC max. 300 V  Power frequency withstand voltage power (wire - jacket) 2,5 kV @ 60 s	Electrical resistance line constant wire	
Power frequency withstand voltage power (wire - jacket) 2,5 kV @ 60 s		
	Power frequency withstand voltage power (wire - jacket)	
	AC withstand voltage power (wire - wire)	2,5 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: 2024-04-26



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
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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