

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

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

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

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

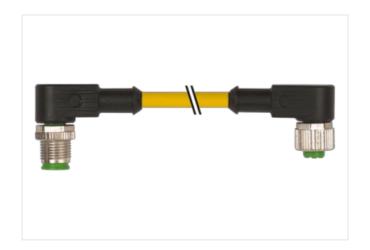
Plastic housings with good resistance against chemicals and oils.

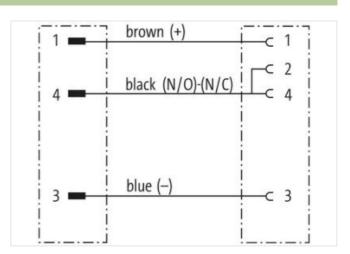
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

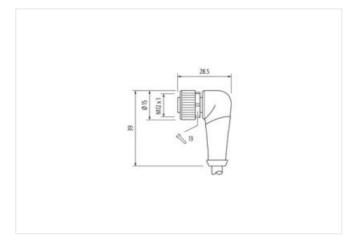
## **Link to Product**

## Illustration

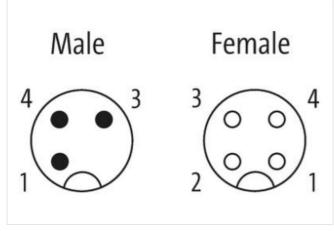












Product may differ from Image



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 $\emptyset$ )	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	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	4048879620406
Packaging unit	1

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

Sperating voltage DC max. 250 V Sperating voltage AC (UL-listed) 30 V Sperating voltage DC (UL-listed) 40 V Sperating voltage DC (UL-listed) 40 V Sperating lateral state in Marketi data 30 V Sperating lateral state work of fitting on noise plated 30 V Sperating lateral state work of fitting on noise plated 30 V Sperating lateral state in Marketing data 40 V Sperating lateral data in Marketing data 40 V Sperating lateral entities of Sperating lateral voltage Sperating Sperati	Electrical data   Supply	
Decreating voltage DC (UL-listed)	Operating voltage AC max.	250 V
December youlings D.C. (FUL-intered)	Operating voltage DC max.	250 V
Corrent operating per contact max.  A A  Installation   Connection  Installation   Connection  Moderated and protection   Electrical  dedictional condition protection degree  Attended and protection   Electrical  Attended and protection   Electrical  Attended group (IEC 60664-1)  I    Moderated acting   Material data  Subling looking   Selfe-cover coated  Cooking anterial   Zinc disc castling    Subling looking   Zinc disc castling    Attended data   Mounting data  Cooking material   Zinc disc castling    Attended data   Mounting data  Advanting method   Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min.	Operating voltage AC (UL-listed)	30 V
Installation   Connection  Allourning set   M12 x 1  Device protection   Electrical  Volution Degree   3  Allourning set   M12 x 1  Mechanical data   Marchanical dat	Operating voltage DC (UL-listed)	30 V
Muriting set MI2 x 1  Device protection   Electrical  Middinal condition protection degree inserted, screwed  Middinal condition protection degree or inserted, screwed  Adeletinal group (IEC 80984-1) I  Mechanical data   Material data  Souting locking safe-cover coated  Souting locking including and incised plated  Souting of litting nicked plated  Souting of litting nicked plated  Souting of litting nicked plated  Souting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Bervironmental characteristics   Climatic  Devicting temperature min25 °C  Souting temperature max25 °C  S	Current operating per contact max.	4 A
Device protection   Electrical  Additional condition protection degree   inserted, screwed    Additional condition protection degree   3  Atternal group (IEC 60664-1)   1  Mechanical data   Material data  Coating of fitting   nickel plated   Coating material   Coating method   nicerade, screwed, Shaking protection    Environmental characteristics   Climatic   Environmental characteristics   Climatic   Control may   Coating to the program of	Installation   Connection	
Additional condition protection degree inserted, screwed    Solution Degree   3	Mounting set	M12 x 1
Asterial group (IEC 60664-1)  I Mechanical data   Material data  Coating locking  Safe-cover coated  Coating  Safe-cover coated  Coating  Safe-cover coated  Safe-co	Device protection   Electrical	
Mechanical data   Material data   Mounting dat	Additional condition protection degree	inserted, screwed
Mechanical data   Material data   Material data   Safe-cover coated   Safe-coated   Safe-coate	Pollution Degree	3
Seating locking safe-cover coated coating of fitting nickel plated cooking material Zinc die-casting anderial Zinc die-casting coloring material screw connection Zinc die-casting cooking material screw connection Zinc die-casting cooking material screw connection Zinc die-casting material screw connection inserted, screwed, Shaking protection Extrioromental characteristics   Climatic Departing temperature min.	Material group (IEC 60664-1)	I
Cocking of fitting nickel plated  Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental Characteristics   Climatic  Deparating temperature min.  -25 ° C  Operating temperature min.  -25 ° C  Operating temperature min.  -25 ° C  Operating temperature maps  depending on cable quality  Conformity  Product standard  DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification  33 date Type  54 Sea C  Cable identification  55 Sate   C  Current Stranding  1 Stranding  1 Stranding  3 wires twisted  No. of bending cycles (C-track)  10 Mio. @ 25 ° C  Zable weight  29.7 g/m  Adeterial socket  DUR  Shore hardness jacket  58 ± 3 Shore D  Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Ducter diameter (jacket)  Ducter diameter (	Mechanical data   Material data	
Cocking of fitting nickel plated  Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental Characteristics   Climatic  Deparating temperature min.  -25 ° C  Operating temperature min.  -25 ° C  Operating temperature min.  -25 ° C  Operating temperature maps  depending on cable quality  Conformity  Product standard  DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification  33 date Type  54 Sea C  Cable identification  55 Sate   C  Current Stranding  1 Stranding  1 Stranding  3 wires twisted  No. of bending cycles (C-track)  10 Mio. @ 25 ° C  Zable weight  29.7 g/m  Adeterial socket  DUR  Shore hardness jacket  58 ± 3 Shore D  Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Ducter diameter (jacket)  Ducter diameter (	Coating locking	safe-cover coated
Asterial sorew connection 2 incerted, screwed, Shaking protection  Environmental characteristics   Climatic Departing temperature min25 °C Departing temperature max. 85 °C Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12) Installation   Cable Stable Identification 053 Sabele Type 5 Sacket Color yellow Vigo of Certificate cURus Novount stranding 1 Stranding 3 wires twisted Wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Sabele Weight 29,7 g/m Material jacket PUR Shore hardness gicket 1 PUR Steardness jacket 2 S % Shore hardness jacket 1 PUR Steardness vive insulation 1,25 mm Duter diameter (jacket) 4,3 mm Steardness vive insulation 1,25 mm Duter diameter insulation 1,25 mm Duter diameter insulation 1,25 mm Steardness vive i	<u> </u>	nickel plated
Mechanical data   Mounting data  Adounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min. 25 °C  Deparating temperature max. 85 °C  depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Sable identification 053  Sable Type 5  Salested Color yellow  Type of Certificate cURus  Wincount stranding 1  Savies twisted  Wire arrangement brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Sable Weigh 29.7 g/m  Adatorial jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) 4,3 mm  Colerance outer diameter (sheath) ± 5 %  Attention of single wires 3  Duter diameter tolerance core insulation 1,25 mm  Duter diameter tolerance core insulation 2,45 mm  Freedom from ingredients (jacket) 1,25 mm  Duter diameter tolerance core insulation 7,4 ± 3 Shore D  Freedom from fignedients (jacket) 1,25 mm  Duter diameter tolerance core insulation 1,25 mm  Duter diameter of single wires 0,1 mm  Colorator of single wires 0,1 mm  Adatorial sinch wire 0,3 mm  Adatorial sinch wire 0,1 mm  Colorator of single wires 0,1 mm  Adatorial sinch wire 0,1 mm  Colorator consecution wire 0,3 mm  Adatorial sinch wire 0,1 mm  Colorator consecution wire 0,3 mm  Adatorial sinch wire 0,1 mm  Colorator consecution wire 0,3 mm  Adatorial sinch wire 0,1 mm  Colorator consecution wire 0,3 mm  Adatorial sinch wire 0,1 mm  Colorator consecution wire 0,3 mm  Adatorial sinch wire 0,1 mm  Colorator consecution wi	Locking material	
Invitronmental characteristics   Climatic Deparating temperature min.  -25 °C Deparating temperature max.  85 °C  Additional condition temperature range  depending on cable quality  Conformity Product standard  DIN EN 61076-2-101 (M12)  Installation   Cable  Sable Type  5 Backet Color  Yellow Sype of Certificate  CURus  Winount stranding  1  Stranding  3 wires twisted  Wire arrangement  Borown, black, blue  Borown, black, blue  Borown, black, blue  Borown, black, blue  Borown bardense jacket  DIR  Borown bardense jacket  Borown bardense jacket  Sig 2 Shore D  Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Wire insulation  PP  Winount wires  3  Duter diameter (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Winount wires  3  Duter diameter insulation  PP  Winount wires  3  Duter diameter resulation  1,25 mm  Duter diameter resultation  1,25 m	Material screw connection	
Invitronmental characteristics   Climatic Deparating temperature min.  -25 °C Deparating temperature max.  85 °C  Additional condition temperature range  depending on cable quality  Conformity Product standard  DIN EN 61076-2-101 (M12)  Installation   Cable  Sable Type  5 Backet Color  Yellow Sype of Certificate  CURus  Winount stranding  1  Stranding  3 wires twisted  Wire arrangement  Borown, black, blue  Borown, black, blue  Borown, black, blue  Borown, black, blue  Borown bardense jacket  DIR  Borown bardense jacket  Borown bardense jacket  Sig 2 Shore D  Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Wire insulation  PP  Winount wires  3  Duter diameter (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Winount wires  3  Duter diameter insulation  PP  Winount wires  3  Duter diameter resulation  1,25 mm  Duter diameter resultation  1,25 m	Mechanical data   Mounting data	
Environmental characteristics   Climatic  Operating temperature min.		inserted screwed Shaking protection
Sperating temperature min. Sperating temperature max. Sperating temperature range  Conformity  Conduct standard  DIN EN 61076-2-101 (M12)  Installation   Cable  Stable identification Sperating temperature max. Sperating temperature range  Sperating tempera	<u> </u>	inscribed, softweed, challing protection
Second   S	·	05.00
Conformity   Con	<u> </u>	
Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         053           Cable Type         5           Cable Type         5           Cacket Color         yellow           Eye of Certificate         cURus           Mount stranding         1           Stranding         3 wires twisted           vire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio.@ 25 °C           Able weight         29.7 g/m           Alaterial jacket         PUR           Shore hardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4.3 mm           Tolerance outer diameter (sheath)         ± 5 %           Alaterial wire insulation         PP           Wount wires         3           Outer diameter insulation         1.25 mm           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         1.25 mm           Outer diameter insulation         1.25 mm           Outer diameter insulation         1.25 mm		
Architect standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 053  Cable Type 5  Cable Color yellow  Yope of Certificate CURus  Aromount 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  Alterial jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 1,25 mm  Outer diameter insulation PP  Alterial wire insulation 1,25 mm  Outer diameter inclation 1,25 mm  Outer diameter insulation 1,4 ± 3 Shore D  Shore hardness wire insulation 1,25 mm  Outer diameter insulation 1,25 mm  Outer diameter insulation 1,4 ± 3 Shore D  Shore hardness wire insulation 1,25 mm  Outer diameter insul		depending on cable quality
Installation   Cable           Cable identification         053           Cable Type         5           Cacket 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           Alaterial jacket         PUR           Shore hardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Under-diameter (jacket)         4,3 mm           Folerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore bardness wire insulation         7 ± 2 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           Onductor cross	Conformity	
Cable Interception         053           Cable Type         5           Lacket Color         yellow           Type of Certificate         cURUS           Amount stranding         1           Stranding         3 wires twisted           vire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         29.7 g/m           Alaterial jacket         PUR           Shore Andrenss jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Under-diameter (jacket)         ± 5 %           Alaterial wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter risulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         74 ± 3 Shore D           Ingredient freeness wire insulation         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²           Material conductor wire         Stranded copper wire, bare	Product standard	DIN EN 61076-2-101 (M12)
Cable Type         5           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           vire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Zable weigth         29,7 g/m           Alaterial jacket         PUR           Shore hardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4.3 mm           Folerance outer diameter (sheath)         ± 5 %           Amount wires         3           Outer diameter insulation         PP           Amount wires         3           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         74 ± 3 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	Installation   Cable	
Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  brown, black, blue  Join and and and and and and and and and an	Cable identification	053
Type of Certificate cURus  Amount stranding 1 Stranding 3 wires twisted  brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Zable weigth 29,7 g/m  Atterial jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Teedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter-diameter (jacket) ± 5%  Amount wires 3  Duter diameter (sheath) ± 5 %  Shore hardness wire insulation PP  Duter diameter tolerance core insulation 1,25 mm  Duter diameter tolerance core insulation 74 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 42  Diameter of single wires 0,14 mm  Double diameter of single wires 0,14 mm  Conductor crosssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare	Cable Type	5
Amount stranding 1 Stranding 3 wires twisted  brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Zable weigth 29,7 g/m  Atterial jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter-diameter (jacket) 4,3 mm  Folerance outer diameter (sheath) ± 5 %  Amount wires 3  Duter diameter insulation PP  Amount wires 3  Duter diameter tolerance core insulation 1,25 mm  Duter diameter tolerance core insulation 2 + 5 %  Shore hardness wire insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1 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	Jacket Color	yellow
Stranding 3 wires twisted 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 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 24 ± 3 Shore D Ingredient freeness wire insulation 1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Oiameter of single wires 0,1 mm Onder of single wires 0,3 4 mm² Material conductor wire Stranded copper wire, bare	Type of Certificate	cURus
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  58 ± 3 Shore D  Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket)  4,3 mm  Folerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  3  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  4 ± 3 Shore D  Ingredient freeness wire insulation  Pad-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire)  42  Oiameter of single wires  0,1 mm  Conductor crosssection (wire)  Stranded copper wire, bare	Amount stranding	1
No. of bending cycles (C-track)  10 Mio. @ 25 °C  Cable weigth  29,7 g/m  Material jacket  PUR  Shore hardness jacket  58 ± 3 Shore D  Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket)  4,3 mm  Folerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  3  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  25 %  Shore hardness wire insulation  74 ± 3 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	Stranding	3 wires twisted
Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Folerance 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 74 ± 3 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	wire arrangement	
Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Folerance 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 74 ± 3 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	No. of bending cycles (C-track)	
Shore hardness jacket  Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket)  A,3 mm  Folerance outer diameter (sheath)  Atterial wire insulation  PP  Amount wires  3  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  5 %  Shore hardness wire insulation  74 ± 3 Shore D  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Amount strands (wire)  42  Diameter of single wires  0,1 mm  Conductor crosssection (wire)  Outer diameter of stranded copper wire, bare  Material conductor wire  Stranded copper wire, bare	Cable weigth	
lead-free, cadmium-free, CFC-free, halogen-free Duter-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) 5 %  Material wire insulation PP Amount wires 3 Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation Shore hardness wire insulation 1,25 mm  Defendent freeness wire insulation 1,25 mm  Shore hardness wire insulation 1,25 mm  Shore hardness wire insulation 1,25 mm  Characterial wire tolerance core insulation 1,25 mm  Shore hardness wire insulation 1,25 mm  Characterial wire (packet) 1,25 mm  Characterial wire (packet) 1,25 mm  Amount strands (wire (packet) 1,25 mm  1,25 mm  1,25 mm  1,25 mm  1,25 mm  1,25 mm  2,5 mm  2,6 material wire insulation 1,24 mm  1,25 mm  2,5 mm  2,6 material wire insulation 1,25 mm  2,7 mm  2,7 mm  3,8 mm  4,2 mm  4,2 mm  4,2 mm  4,3 mm  4,3 mm  4,2 mm  4,3 mm  4,1 mm  4,1 mm  4,1 mm  4,1 mm  4,1 mm  4,1 mm	Material jacket	
Outer-diameter (jacket)  4,3 mm  Folerance outer diameter (sheath)  4 5 %  Material wire insulation  PP  Amount wires  3  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  5 %  Shore hardness wire insulation  74 ± 3 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	•	
Folerance 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 74 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-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	Freedom from ingredients (jacket)	·
Material wire insulation PP  Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation ±5 %  Shore hardness wire insulation 74 ± 3 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	Outer-diameter (jacket)	4,3 mm
Amount wires  3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation 25 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 1,25 mm Head-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	Tolerance outer diameter (sheath)	
Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 74 ± 3 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	Material wire insulation	PP
Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 74 ± 3 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	Amount wires	
Shore hardness wire insulation 74 ± 3 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	Outer diameter insulation	
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	Outer diameter tolerance core insulation	
Amount strands (wire)  42 Diameter of single wires  0,1 mm  Conductor crosssection (wire)  0,34 mm²  Material conductor wire  Stranded copper wire, bare	Shore hardness wire insulation	
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare	Ingredient freeness wire insulation	
Conductor crosssection (wire) 0,34 mm <sup>2</sup> Material conductor wire Stranded copper wire, bare	Amount strands (wire)	
Material conductor wire Stranded copper wire, bare	Diameter of single wires	
	Conductor crosssection (wire)	· · · · · · · · · · · · · · · · · · ·
Conductor type (wire) strand class 6		
	Conductor type (wire)	strand class 6



Traversing distance (C-track)	5 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	60 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
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	1 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 360 °/m