

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

PUR 5x0.34 bk UL/CSA+robot+drag ch. 0.5m

Male 90° - female 90°

M12 - M12, 5-pole

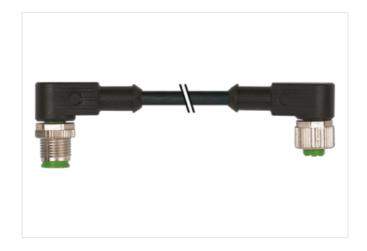
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

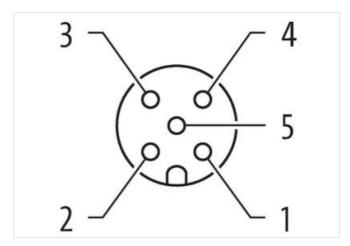
Plastic housings with good resistance against chemicals and oils.

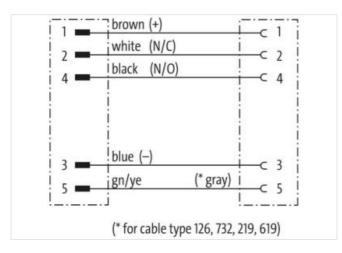
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

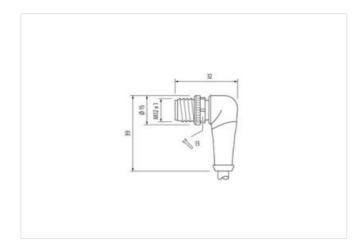
## **Link to Product**

## Illustration



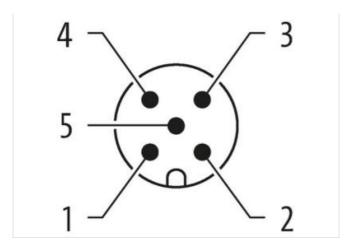


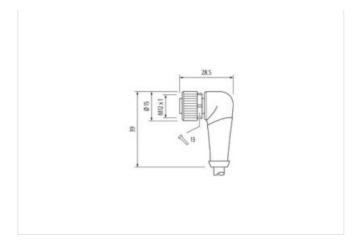






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Product may differ from Image



Cable length





0,5 m







Cable length	0,0
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	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	4048879295284
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



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Departing voltage DC max.	Electrical data   Supply	
Operating voltage AC (UL-lested) 30 V  Current operating part contact max. 4 A  Installation   Connection  Mounting seat MI2 x 1  Device protection   Electrical  Additional condition protection degree   Inserted, screwed    Pollution Degree 3   Septimen   Condition   Co	Operating voltage AC max.	125 V
Operating per contact max.	Operating voltage DC max.	125 V
Surrent operating per contact max.	Operating voltage AC (UL-listed)	30 V
Maria   Mari	Operating voltage DC (UL-listed)	30 V
Manual   M	Current operating per contact max.	4 A
Additional protection leterrinal Additional condition protection degree inserted, screwed Pollution Degree 3 Material group (IEC 60664-1) I  Mochanical datal Material data Coasing ocking inserted, screwed inserted, screwed inserted, screwed inserted, screwed inserted, screwed inserted in screwed inserted inserted inserted, screwed inserted inserted, screwed inserted inserted, screwed inserted inserted inserted inserted inserted inserted, screwed inserted inserted, screwed inserted inserted inserted inserted inserted, screwed inserted ins	Installation   Connection	
Additional condition protection degree insurated, screwed  Pollution Degree 3  Mechanical (data   Material data)  Coating of fitting nickel plated  Locking material Zinc de-casting  Material screw connection Zinc de-casting  Material screw connection Zinc de-casting  Material screw connection Zinc de-casting  Mechanical data   Munting data  Munting data   Munting data  Munting data   Mu	Mounting set	M12 x 1
Altered a proup (EC 60864-1)  I Coating flocking  safe-cover coated  Coating flocking  safe-cover coated  Coating flotking  coating of fitting  c	Device protection   Electrical	
Material group (EC 60664 1)  Mochanical data   Material data  Coating of filting nickel plated  Coating of filting nickel plated  Coating of filting nickel plated  Coating of material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Coperating temperature min25 °C  Operating temperature min25 °C  Operating temperature max85 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Table identification 655  Cable Type 5  Cable identification 655  Cable Type 5  Saket Color black  Young of Certificate cURus  Amount stranding 1  Sirranding 5 wires around Core filter twisted  Wire arrangement brown, black, blue, white, green-yellow  No. of bending cycles (C-track) 10 Min. @ 25 °C  Cable weigh 41,8 gm  Material packet PUR  Shore hardness jacket 58 s 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Dutler-diameter (jacket) 5 mm  Coller diameter (jacket) 1,25 mm  Dutler diameter insulation 1,25 mm  Dutler diameter folerance core insulation 1,25 mm  Dutler diameter folerance core insulation 1,25 mm  Dutler diameter of single wire 0 0,1 mm  Conductor type (wire) 42  Diameter of single wire 0 1,25 mm  Diamete	Additional condition protection degree	inserted, screwed
Mechanical data   Material data   Coating looking   safe-cover coated   Coating of fitting   nickel plated   Coating of fitting   nickel plated   Coating of fitting   Coating   Coating of fitting   Coating   Coating of fitting   Coating   Coating a fitting a cover connection   Zinc die-casting   Coating a fitting a cover connection   Zinc die-casting   Coating a fitting a cover connection   Coating a fitting a cover coating a coating a cover coating a coating a cover coating a coatin	Pollution Degree	3
Coating looking safe-cover coated Coating of fitting nickel plated Looking material Zinc die casting Material screw oornection Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics   Climatic Operating temperature min. 25° °C Operating temperature max. 85° °C Operating temperature max. 85° °C Operating temperature max. 85° °C Additional condition temperature may. 85° °C Cable identification 65° Cable identification 65° Cable itype 5 Salasket Color black Type of Certificate cURsu Amount stranding 1 Swrea around Core Illier twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. @ 25° °C Cable weigth 41.8 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) 10 Mio. @ 25° °C Colurer diameter (jacket) 5 °S mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation 1,25° mm Outer diameter strands (wire) 42° Diameter of single wire insulation 1,25° mm Outer diameter of single wire 0,11° mm Outer diameter of single wire 10,11° mm Outer diameter of single wire 10,11° mm Ornet of single wire 1	Material group (IEC 60664-1)	
Coating of fitting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature may.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         S5           Cable identification         855           Gabie Type         5           Lacket Color         black           Type of Certificate         cuPlus           Amount stranding         1           Stranding         5 wies around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Material jacket         PUR           Shore hardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         Lead-free, cadmium-free, CPC-free, halogen-free, silicone-free           Outer diameter (sheath)         ± 5 %           Material wire insulation         1,25 mm <td>Mechanical data   Material data</td> <td></td>	Mechanical data   Material data	
Coating of fitting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature may.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         S5           Cable identification         855           Gabie Type         5           Lacket Color         black           Type of Certificate         cuPlus           Amount stranding         1           Stranding         5 wies around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Material jacket         PUR           Shore hardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         Lead-free, cadmium-free, CPC-free, halogen-free, silicone-free           Outer diameter (sheath)         ± 5 %           Material wire insulation         1,25 mm <td>Coating locking</td> <td>safe-cover coated</td>	Coating locking	safe-cover coated
Locking material         Zinc die-ceating           Material screw connection         Zinc die-ceating           Mechanical data   Mounting data         Mechanical data   Mounting data           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C         Accession of Commental Comment		
Material screw connection         Zinc die-casting           Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temporature range         depending on cable quality           Installation   Cable         Cable identification           Cable identification         655           Cable I Type         5           Jacket Color         black           Virgo of Certificate         cURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weight         41,8 gm           Material jacket         PUR           Shore hardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         5 m           Outer diameter (jacket)         5 m           Outer diameter (jacket)         5 m           Outer diameter (jacket)         1,25 mm		
Meunting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature man. 85 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 655  Cable Type 5  Lacked Color black  Type of Certificate clure with a condition in the color of the color shade and a color of the		•
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification  655  Cable Type  5  Jacket Color  Dakok  Type of Certificate  CURus  Amount stranding  1  Swires around Core filler twisted  yes  Wire arrangement  brown, black, blue, white, green-yellow  No. of bending cycles (C-track)  10 Mo. @ 25 °C  Type  Anount sirendines jacket  PUR  Shore hardness jacket  PP  Amount wires  5  Outer diameter (jacket)  5 mm  Tolerance outer diameter (sheath)  1,25 mm  Outer diameter insulation  1,25 mm  Ducter diameter insulation  1,25 mm  Ducter diameter riusulation  1,25 mm  Digredient freeness wire insulation  1,25 mm  Digredient		
Environmental characteristics   Climatic  Operating temperature min.		incorted acrowed Challing protection
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification           Cable identification         655           Cable identificate         cURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigh         41.8 g/m           Material jacket         PUR           Shore bardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         pP           Amount wires         5           Outer diameter tolerance core insulation         ± 5 %           Shore bardness wire insulation         2 5 %           Ingredient freeness wire insulation         7 4 ± 3 Shore D <tr< td=""><td>•</td><td>inserted, Screwed, Snaking protection</td></tr<>	•	inserted, Screwed, Snaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 655 Cable Type 5 Jacket Color black Type of Certificate cURus  Amount stranding 1 Stranding 5 wires around Core filler twisted  Filler yes  Wire arrangement brown, black, blue, white, green-yellow  No. of bending cycles (C-track) 10 Mio. 25 °C Cable weigh 41.8 g/m Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP  Amount wires 5 Coulter diameter insulation 1,25 mm  Duter diameter insulation 1,25 mm  Duter diameter insulation 1,45 mm  Duter diameter ins	·	
Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 655  Cable Type 5  Jaket Color black  Type of Certificate cURus  Amount stranding 1  Stranding 5 wires around Core filler twisted  Filler yes  wire arrangement brown, black, blue, white, green-yellow  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weight 41.8 g/m  Material jacket 88 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Duter diameter lolerance core insulation 1,25 mm  Duter diameter lolerance core insulation 1,25 mm  Duter diameter lolerance core insulation 1,25 mm  Duter diameter lolerance swire insulation 1,25 mm  Duter diameter folerance core insulation 1,25 mm  Duter diameter folerance swire insulation 1,25 mm  Duter diameter folerance swire insulation 1,25 mm  Duter diameter folerance core insulation 1,25 mm  Duter diameter folerance swire insulation 1,25 mm  Duter diameter folerance swire insulation 1,25 mm  Duter diameter folerance core insulation 1,25 mm  Duter diameter folerance (or insulation 1,25 mm  D		
Cable identification         655           Cable Type         5           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         41.8 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 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         5           Outer diameter insulation         1,25 mm           Outer diameter lolerance core insulation         ± 5 %           Shore hardness wire insulation         1,25 mm           Outer diameter freeness wire insulation         1 a Shore D           Ingredient freeness wire insulation         4 2           Outer diameter freeness wire insulation         1 and free, cadmium-free, CFC-free,		
Cable identification         655           Cable Type         5           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weight         41,8 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 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         5           Outer diameter insulation         1,25 mm           Outer diameter insulation         1,25 mm           Outer diameter oferance core insulation         ± 5 %           Shore hardness wire insulation         7 ± ± 3 Shore D           Ingredient freeness wire insulation         1,25 mm           Quiter of single wires         0,1 mm           Conductor crosssec	Additional condition temperature range	depending on cable quality
Cable Type         5           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         41.8 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 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         5           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         7 ± 3 Shore D           Ingredient freeness 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	Installation   Cable	
Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 41,8 g/m Material jacket PUR Shore hardness 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 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 2 + 3 Shore D Ingredient freeness wire insulation 1,25 mm Outer diameter tolerance core insulation 2 + 4 ± 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 Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m@ 25 °C   horizontal	Cable identification	655
Type of Certificate cURus  Amount stranding 1  Stranding 5 wires around Core filler twisted  yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 41,8 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 mm  Amount wires 5  Outer diameter tolerance core insulation 1,25 mm  Outer diameter tolerance core insulation 74 ± 3 Shore D  Ingredient freeness wire insulation 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 42  Diameter of single wires 0,1 mm  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m@ 25 °C   horizontal	Cable Type	5
Amount stranding 1  Stranding 5 wires around Core filler twisted  yes  wire arrangement brown, black, blue, white, green-yellow  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 41,8 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-cliameter (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  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  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal	Jacket Color	black
Stranding 5 wires around Core filler twisted  Filler yes  wire arrangement brown, black, blue, white, green-yellow  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 41.8 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 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 74 ± 3 Shore D  Ingredient freeness wire insulation 1, 1 mm  Conductor of single wires 0,1 mm  Conductor orsssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) 5 mm @ 25 °C   horizontal	Type of Certificate	cURus
wire arrangement brown, black, blue, white, green-yellow  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 41,8 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 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  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  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m@ 25 °C   horizontal	Amount stranding	1
wire arrangement brown, black, blue, white, green-yellow  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 41,8 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 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter 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  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal	Stranding	5 wires around Core filler twisted
No. of bending cycles (C-track)  10 Mio. @ 25 °C  Cable weigth  41,8 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 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  5  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  4 ± 3 Shore D  Ingredient freeness wire insulation  Paded-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)  Strande class 6  Traversing distance (C-track)  5 m @ 25 °C   horizontal	Filler	yes
Cable weigth 41,8 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 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  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  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal	wire arrangement	brown, black, blue, white, green-yellow
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 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  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  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal	No. of bending cycles (C-track)	10 Mio. @ 25 °C
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 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  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  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal	Cable weigth	41,8 g/m
Freedom from ingredients (jacket)  Duter-diameter (jacket)  5 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  5 Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  45 %  Shore hardness wire insulation  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Amount strands (wire)  Diameter of single wires  On the diameter of single wires  On the diameter of single wires  Onductor crosssection (wire)  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 6  Traversing distance (C-track)  5 m@ 25 °C   horizontal	Material jacket	
Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5 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  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal		
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  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  Conductor type (wire) strand class 6  Traversing distance (C-track) 5 m @ 25 °C   horizontal		lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP  Amount wires 5 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 Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C   horizontal		
Amount wires  Duter diameter insulation  1,25 mm  Duter diameter tolerance core insulation  5 %  Shore hardness wire insulation  74 ± 3 Shore D  Ingredient freeness wire insulation  Ingredient freeness wire 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  Conductor type (wire)  Stranded class 6  Traversing distance (C-track)  5 m @ 25 °C   horizontal		
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Traversing distance (C-track) 5 m @ 25 °C   horizontal		

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



Current load capacity min. wire	4,5 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
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	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