

## M12 male 0° / M12 female 0° A-cod.

PUR 4x0.34 gy UL/CSA+drag ch. 1.5m

Male straight - female straight

M12 - M12, 4-pole

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

Plastic housings with good resistance against chemicals and oils.

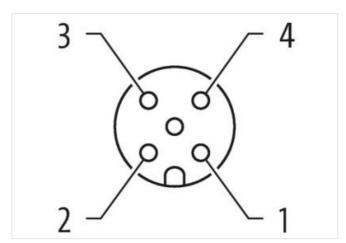
The resistance to aggressive media should be individually tested for your application. Further details on request.

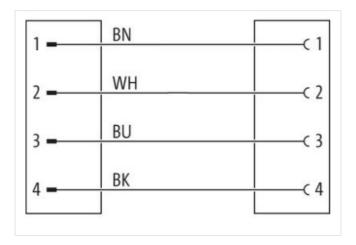
Further cable lengths on request.

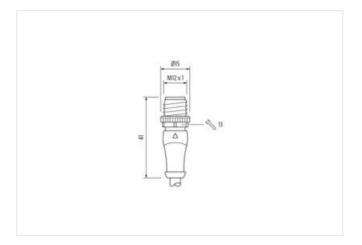
## **Link to Product**

## Illustration



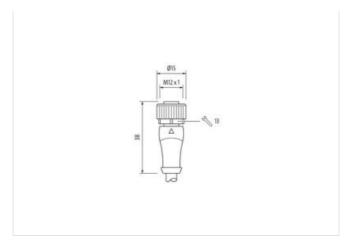


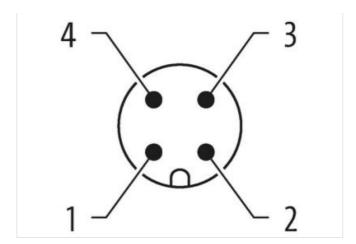






stay connected





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)	IP65, 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
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879184168

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: 2024-04-30



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Operating voltage AC (UL-steid)         30 V           Operating voltage DC (UL-steid)         30 V           Operating voltage DC (UL-steid)         30 V           Operating voltage DC (UL-steid)         4 A           Installation   Connection         MI2 x I           Device protection   Electrical         Value   V	Packaging unit	1	
Operating voltage DC max.         25 V           Operating voltage AC (UL listed)         30 V           Operating voltage AC (UL listed)         30 V           Operating voltage AC (UL listed)         30 V           Installation (Dominic per contact max.         4 A           Mounting set         M12 x 1           Device protection (Electrical         West Additional contains protection degree           Pollution Degree         3           Ratid autory voltage         2.5 NV           Machanical data (Material data)         Very Coating defined of the Coating of Milman and Protection defined and Coating defined of the Coating define	Electrical data   Supply		
Operating voltage AC (UL-steid)         30 V           Operating voltage DC (UL-steid)         30 V           Operating voltage DC (UL-steid)         30 V           Operating voltage DC (UL-steid)         4 A           Installation   Connection         MI2 x I           Device protection   Electrical         Value   V	Operating voltage AC max.	250 V	
Operating por contact max.         4 A           Current operating por contact max.         4 A           Installation [Connection]         Must 1           Device protection [Electrical]         M12 x 1           Additional condition protection degree         inserted, sorewed           Pollution Degree         3           Flatide surp voltagin         2.5 kW           Mechanical data [Material data]         Conting (Ec. 80684-1)           Conting of Sching         Nickeled           Conting of Sching         Nickeled           Conting of Infing         nickel plated           Locking and strial         Zinc die casting           Mechanical data [Mounting data]         Zinc die casting           Mechanical data [Mounting data]         Zinc die casting           Mechanical data [Mounting data]         Zinc die casting           Mounting method         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Congrating temperature mix.         25 °C           Operating temperature max.         85 °C         Conditional (Called Called Call	Operating voltage DC max.	250 V	
Current operating per contact max.         4 A           Installation (Connection         M12 x 1           Device protection   Electrical         Additional condition protection degree         insented, screwed           Publishion Degree         3 S           Rated surge voltage         2,5 kV           Meterial group (IEC 80604-1)         I           Wechanical data   Material data   Materi	Operating voltage AC (UL-listed)	30 V	
Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Device protection of protection degree         inserted, screwed           Pollution Degree         3           Rated surpe voltage         2.5 k V           Mechanical data   Material data         Vision of thing           Coating defining         incide plated           Locking material         Zim de-ceating           Material survey commercion         Zim de-ceating           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Province           Environmental characteristics   Climatic         Province           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         234           Cable identification   234         24           Cable identification   24 k restricted		30 V	
Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         3           Raled surge voltage         2.5 kV           Macterial group (IEC 60664-1)         I           Mechanical data   Material data         Mickelled           Coating of fitting         nickel plated           Locking material         Zinc die casting           Material group (IEC 60664-1)         Zinc die casting           Material grown connection         Zinc die casting           Protection of Control (IEC 60664-1)         Zinc die casting           Product stand         DIN EN 61076 2-101 (M12)           Installation (Cable         Zinc die casting           Cable in (Gold (IEC 60664)         Zinc die casting           Jacker Color         grown           Vipe of Certificate	Current operating per contact max.	4 A	
Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         3           Raled surge voltage         2.5 kV           Macterial group (IEC 60664-1)         I           Mechanical data   Material data         Mickelled           Coating of fitting         nickel plated           Locking material         Zinc die casting           Material group (IEC 60664-1)         Zinc die casting           Material grown connection         Zinc die casting           Protection of Control (IEC 60664-1)         Zinc die casting           Product stand         DIN EN 61076 2-101 (M12)           Installation (Cable         Zinc die casting           Cable in (Gold (IEC 60664)         Zinc die casting           Jacker Color         grown           Vipe of Certificate	Installation   Connection		
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Additional condition protection degree   inserted, screwed   Pollution Degree   3   Rated surge voltage   2,5 kV   Material group (IEC 60664-1)   1    Mochanical data   Material data   Coating locking   nickel plated   Coating of fitting   nickel plated   Coating of fitting   nickel plated   Coating of material   Amount of the coating   Methanical data   Mounting data   Muerial screw connection   Zinc die-casting   Methanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Coperating temperature min.   25 °C   Coperating temperature max.   85 °C   Additional condition temperature range   depending on cable quality   Conformity   Product standard   DIN EN 61076-2-101 (M12)   Institution   Cable   Cable identification   234   Cable identification   234   Cable identification   4 wires twisted   Virge of Corflicate   5 °C   Cable region   4 wires twisted   Virge of Corflicate   5 °C   Cable region   5 °C   Cable region   5 °C   Cable region   5 °C   Cable region   6 °C   Cable region   7 °C   Cable reg			
Pollution Degree         3           Ratled surge voltage         2,5 kV           Material group (IEC 60064+1)         1           Mechanical data   Material data         Nickeled           Coating of Ritting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data         #**Content data           Operating temperature max         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Product sundain           Production (Cable         234           Cable (dontification   Autority data   Autority data         234           Cable (dontif		to a ded a consider	
Rated surge voltage         2,5 kV           Material group (IEC 80684-1)         1           Coating locking         Nickeled           Coating of titting         nickel plated           Locking material         Zinc die-casting           Material screw cornection         Zinc die-casting           Mechanical data   Mounting date         Mounting method           Environmental characteristics   Climatic         Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Product standard           Installation   Cable         Signature   S			
Material group (IEC 60664-1)         I Nickeled           Coating locking         Nickeled           Coating locking         Nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical date   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           Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation (Cable           Cable identification         234           Cable weight <th cols<="" td=""><td></td><td></td></th>	<td></td> <td></td>		
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Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         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           Contently         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification         234           Cable identification         234         Quality           Cable Octor         gray         Type of Certificate         cURus           Amount stranding         1         Stranding         4 wires twisted           Wrie arrangement         brown, black, blue, white         Cable weigh         36.3 g/m           Material jacket         PUR         Shore hardness jacket         PUR           Shore hardness jacket         90 ± 5 Shore A         4           Freedom from ingredients (jacket)         4.5 mm         M           Tolerance outer diameter (sheath)         4.5 mm         M           Tolerance outer diameter (sheath)         4.5 % <td>Mechanical data   Material data</td> <td></td>	Mechanical data   Material data		
Locking material         Zinc die-casting           Material serew connection         Zinc die-casting           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)	Coating locking	Nickeled	
Machaical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Ceperating 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         234           Cable identification         234         Cable Type           Jacket Color         gray         Gurliage           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         36.3 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)         ± 5 %           Annount wires         4           Cuter diameter insulation         1,25 mm           Outer diameter insulation         1,25 mm           <	Coating of fitting	nickel plated	
Mechanical data   Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         234           Cable type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weight         36,3 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)         ± 5 m           Adrianted in insulation         PP           Amount wires         4           Outer diameter (sheath)         ± 5 shore D           Ingredient freeness wire insulation	Locking material	Zinc die-casting	
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Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         234           Cable identification         234           Cable identification         234           Cable identification         gray           Cable veight         36,3 g/m           Material gacket         PUR           Shore A           Freedom from ingedients (jacket)         ± 5 % <t< td=""><td>Mechanical data   Mounting data</td><td></td></t<>	Mechanical data   Mounting data		
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification         234           Cable identification         234         Cable identification         234           Cable Type         3         3         3           Jacket Color         gray         3         4           Type of Certificate         cURus         4         4           Amount stranding         1         1         1           Stranding         4 wires twisted         4         4         4           wire arrangement         brown, black, blue, white         4         4         4           Cable weigth         36,3 g/m         4         4         5         4         5         6         4         6         7         7         6         7         7         6         7         7         8         7         8         7         8         3         9         9         8         3         9         9         8         9	Mounting method	inserted, screwed, Shaking protection	
Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Contemity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         234           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jacket         PUR           Shore A         Freedom from ingredients (jacket)           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         5 %           Shore hardness wire insulation         70 ± 5 Shore D	Environmental characteristics   Climatic		
Additional condition temperature range         depending on cable quality           Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         234           Cable 17ype         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter insulation         1,25 mm           Outer diameter insulation         9 ± 5 Shore D           Ingredient freeness wire insulation         15 ± 5 Shore D           Ingredient freeness wire insulation         12 Shore D	Operating temperature min.	-25 °C	
Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         234           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weight         36,3 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         2 5 Shore D           Ingredient freeness wire insulation         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²	Operating temperature max.	85 °C	
Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         234           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jacket         90±5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         2.5 %           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 crosssect	Additional condition temperature range	depending on cable quality	
Installation   Cable           Cable identification         234           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         90 ± 5 Shore A           Freedom from ingredients (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         1,25 mm           Outer diameter insulation         1,25 mm           Outer diame	Conformity		
Cable identification         234           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, blue, white           Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter 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	Product standard	DIN EN 61076-2-101 (M12)	
Cable identification         234           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, blue, white           Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter 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	Installation   Cable		
Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         70 ± 5 Shore D           Ingredient freeness wire insulation         40 ± 5 Shore D           Ingredient freeness wire insulation         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²	·	234	
Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         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			
Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter 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			
Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         36,3 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter 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			
Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 36,3 g/m  Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter 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			
Cable weigth  36,3 g/m  Material jacket  PUR  Shore hardness jacket  90 ± 5 Shore A  Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket)  4,5 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  4  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  25 %  Shore hardness wire insulation  70 ± 5 Shore D  Ingredient freeness wire insulation  Amount strands (wire)  42  Diameter of single wires  0,1 mm  Conductor crosssection (wire)  0,34 mm²			
Cable weigth  36,3 g/m  Material jacket  PUR  Shore hardness jacket  90 ± 5 Shore A  Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket)  4,5 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  4  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  25 %  Shore hardness wire insulation  70 ± 5 Shore D  Ingredient freeness wire insulation  Amount strands (wire)  42  Diameter of single wires  0,1 mm  Conductor crosssection (wire)  0,34 mm²	wire arrangement	brown, black, blue, white	
Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4.5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter 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	Cable weigth		
Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4.5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter 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 jacket		
Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  4,5 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  4  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  5 %  Shore hardness wire insulation  70 ± 5 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		90 ± 5 Shore A	
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Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²	Outer-diameter (jacket)	4,5 mm	
Amount wires 4 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	Tolerance outer diameter (sheath)	±5%	
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 wire insulation	PP	
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	Amount wires	4	
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	Outer diameter insulation	1,25 mm	
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	Outer diameter tolerance core insulation	± 5 %	
Amount strands (wire) 42  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²	Shore hardness wire insulation	70 ± 5 Shore D	
Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Conductor crosssection (wire) 0,34 mm²	Amount strands (wire)	42	
	Diameter of single wires	0,1 mm	
Material conductor wire Stranded copper wire, bare	Conductor crosssection (wire)	0,34 mm²	
	Material conductor wire	Stranded copper wire, bare	

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: 2024-04-30



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Conductor type (wire)	strand class 6
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 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
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	IEC 60332-2-2   UL 1581 § 1090   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