

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

PUR 5x0.34 ye UL/CSA+drag ch. 2m

Male 90° - female 90°

M12 - M12, 5-pole

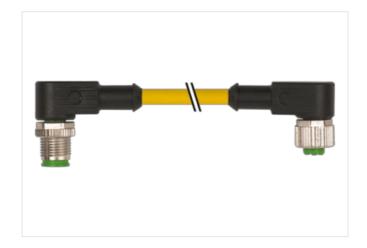
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

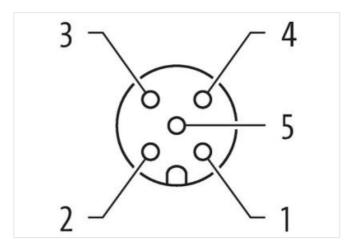
Plastic housings with good resistance against chemicals and oils.

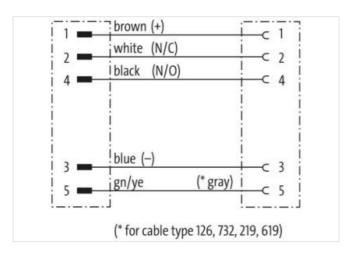
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

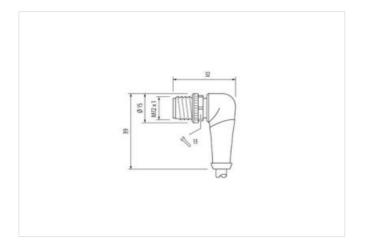
## **Link to Product**

## Illustration



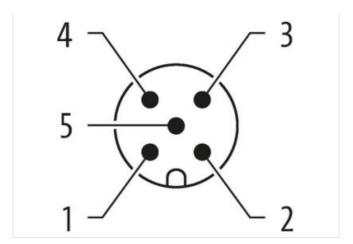


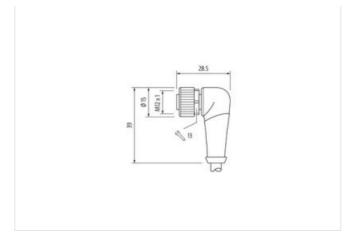






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Product may differ from Image



Cable length





2 m







Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	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	4048879172301
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: 2024-05-20



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Sperating voltage DC max   125 V		
Sperating voltage AC (UL-listed) 30 V Sperating voltage AC (UL-listed) 30 V Installation Connection Mounting set M12 x 1  Mounting set M12 x 1  Mounting set M12 x 1  Motive protection   Electrical  Additional condition protection degree insented, sorewed  Pollution Degree 3  Additional condition protection degree insented, sorewed  Pollution Degree 3  Mounting (UE-00064-1) I I  Mochanical data   Material data  Deading locking material  Active plated  A	Operating voltage AC max.	125 V
Digerating per contact max.   4 A	Operating voltage DC max.	125 V
Current operating per contact max. 4 A  Installation   Connection  Woulding set   M12 x 1  Device protection   Electrical  Additional condition protection degree   insented, screwed  Pollution Degree   3  Additional condition protection degree   insented, screwed  Pollution Degree   3  Mechanical data   Material data    Conting   Octobing   Nickeled  Conting   Octobing   Nickeled   Conting   Octobing   Nickeled    Conting   Octobing   Nickeled   Conting   Octobing   Oc	Operating voltage AC (UL-listed)	30 V
Installation   Connection   Mounting set   M12 x 1   Device protection   Electrical   Modificinal condition protection degree   inserted, screwed   Polutinon Degree   3   Moternal group (IEC 6664-1)   1   Mochanical data   Material data   Moternal group (IEC 6664-1)   1   Mochanical data   Material data   Mochanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Deparating temperature mix.   25 °C   Deparating temperature mix.   36 °C   Modificinal condition temperature max.   36 °C   Modificinal condition t	Operating voltage DC (UL-listed)	30 V
Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Continue Degree 3  Addered group (EC 80864-1)   I  Mochanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Coating adderial   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature max. 85 °C  Coating Inerperature max. 85 °C  Deparating temperature max. 85 °C  Deparating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Voto on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.  Attention. Coatere the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Latel Identification  Cable Type 3  Sacket Cloir  yellow  Jacket Cloir  yes  Wire arrangement  Attention. Chare the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Wire arrangement  Sacket Cloir  yes  Wire arrangement  Drown, black, blue, white, green-yellow  Attentions (Sacket)  Attentions (Sacket)  Jacket Cloir  Jacket	Current operating per contact max.	4 A
Device protection   Electrical  Additional condition protection degree   inserted, screwed    Attending protection   Electrical   I  Mechanical data   Material data   Material data    Coating (Dicking   Nickeled    Co	Installation   Connection	
Additional condition protection degree inserted, screwed  Folitution Degree 3  Addressing orgon (EC 60864-1) 1  Mechanical data   Material data  Coating of fitting nickel plated  Coating of fitting Zinc die-casting  Attential screw connection Zinc die-casting  Mechanical data   Munting data  Carrier of Section 2  Mechanical data   Munting data  Carrier of Section 2  Mechanical data   Munting data  Carrier of Section 2  Mechanical data   Munting data  Carrier of Section 3  Mechanical screw connection 4  Carrier of Section 3  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Cable identification 035  Cable Type 3  Sale Eype 3  Sale Eype 3  Sale Experiment of Section 4  Section 1  Section 1  Section 3  Section 4  Section 3  Section 4  Section 3  Section 4  Section 4	Mounting set	M12 x 1
Attention Degree 3  Material group (EC 60664-1) I I Michael Good High State (Conting Incident)    Coating Individual State (Conting Incident)    Machanical data   Material data    Material screw connection	Device protection   Electrical	
Material group (IEC 60664-1)  Mochanical data   Material data  Coating locking   Nickeled  Coating locking   Nickeled  Coating of lifting   nickel plated  Costing material   Zinc die-casting  Material screw connection   Zinc die-casting  Material screw	Additional condition protection degree	inserted, screwed
Mechanical data   Material data  Coating of filting nickel plated Coating of filting a nickel plated Coating of filting of filting of filting a nickel plated Coating of filting of fi	Pollution Degree	3
Coating locking Nickeled nickel plated nicke	Material group (IEC 60664-1)	1
Coating of fitting nickel plated Zinc die-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min. 2-5° °C Deparating temperature min. 3-5° °C Additional condition temperature range depending on cable quality Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable Zable disdnification Zable Vippe 3 Zable (John Sable) Zable Vippe 3 Zable (John Sable) Zable (J	Mechanical data   Material data	
Auterial screw connection 2 incle-casting  Mechanical data   Mounting data  Mechanical data   Mounting data  Wounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Zable identification 35  Jacket Color yellow  Type of Certificate CURus  Amount stranding 1  Sirranding 5 wires around Core filler twisted  Filler yes  Wire arrangement brown, black, blue, white, green-yellow  Zable weight 41.8 g/m  Material jacket PUR  Material jacket PUR  Material jacket PUR  Material jacket (Speath) 2.5 %  Material jacket (Speath) 5.5 %  Durer diameter (jacket) 4.8 mm  Tolerance outer diameter (speath) 2.5 %  Amount wire insulation PP  Amount wire insulation 1.25 mm  Durer diameter (jacket) 1.5 %  Shore hardness wire insulation 1.25 kmp  Durer diameter the insulation 1.25 kmp  Durer diameter the insulation 1.25 kmp  Durer diameter the insulation 1.25 kmp  Durer diameter or insulation 1.25 kmp  Durer diameter o	Coating locking	Nickeled
Material screw connection Zinc die-casting  Mechanical data   Mounting data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min.	Coating of fitting	nickel plated
Mechanical data   Mounting data   Mounting data   Mounting method inserted, screwed, Shaking protection    Environmental characteristics   Climatic   Coperating temperature min.   -25 °C   Coperating temperature max.   85 °C   Coperating temperature max.   85 °C   Coperating temperature max.   85 °C   Coditional condition temperature range   depending on cable quality    Important installation notes   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.    Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.    Installation   Cable   C	ocking material	Zinc die-casting
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  Important installation notes  Vote on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Amount stranding  The protection of the surface of the protection of the protectio	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic  Deparating temperature min.  -25 °C  Deparating temperature max.  85 °C  Additional condition temperature range  depending on cable quality  Important installation notes  Note on strain relief  Note on strain relief  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Cable identification  O35  Cable identification  O35  Cable Type  3  Carlot Color  yellow  Type of Certificate  cURus  Amount stranding  1  Stranding  5 wires around Core filler twisted  yes  wire arrangement  brown, black, blue, white, green-yellow  Cable weight  41,8 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  Duter-diameter (jacket)  Attendation   2.5 mm  Duter diameter insulation  PP  Amount wires  5  Cubure diameter fusivation  70 ± 5 Shore D  Engredient free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire)  25 Shore hardness wire insulation  70 ± 5 Shore D  Engredient free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire)  26 Shore hardness wire insulation  70 ± 5 Shore D  Engredient freeness wire insulation  70 ± 5 Shore D  Engredient freeness wire insulation  PA to shore a cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire)  O1 and market free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire)  O1 and market free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire)  O1 and market free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire)  O1 and market free, cadmium-free, CFC-free, halogen-free, silicone-free	Mechanical data   Mounting data	
Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range  Important installation notes  Note on strain relief  Note on strain relief  Note on strain relief  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Cable identification  Cable Type  3  Jacket Color  yellow  Type of Certificate  culRus  Amount stranding  1  Stranding  5 wires around Core filler twisted  Filler  yes  wire arrangement  brown, black, blue, white, green-yellow  Cable weighh  41,8 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 (sheath)  4,8 mm  Tolerance outer diameter (sheath)  25 %  Material wire insulation  PP  Amount wires  5  Outer diameter tolerance core insulation  70 ± 5 Shore D  Ingredient treeness wire insulation  70 ± 5 Shore D  Ingredient treeness wire insulation  70 ± 5 Shore D  Ingredient treeness wire insulation  70 ± 5 Shore D  Ingredient treeness wire insulation  Paramount strands (wire)  42  Outer drameter of size of the minuter of the permission of the product of the permission of	Mounting method	inserted, screwed, Shaking protection
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Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Cable identification 035  Cable identification 045  Cable identification 045  Cable identification 055  Cable ident	· · · · · · · · · · · · · · · · · · ·	
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Zable identification 035  Zable identification 936  Zable identification 035  Zable Type 3 3  Zacket Color yellow  Zype of Certificate cURus  Amount stranding 1  Stranding 5 wires around Core filler twisted  Yes  Vire arrangement brown, black, blue, white, green-yellow  Zable weight 41.8 g/m  Atterial jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter-diameter (jacket) 4.8 mm  Tolerance outer diameter (sheath) ± 5 %  Atterial wire insulation PP  Amount wires 5  Duter diameter note insulation 1,25 mm  Duter diameter rolerance 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) 4,25 mm  Conductor crosssection (wire) 0,34 mm²		
Note on strain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Cable identification 035  Zable identification 035  Zable Type 3  Zacket Color yellow  Zipe of Certificate cURus  Amount Stranding 1  Sirrading 5 wires around Core filler twisted  Zieller yes  Zie		dopontaling on odolo quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable   Cable identification   0.35   Cable Type   3   Cable Type   3   Cable Color   yellow   Cype of Certificate   cURus   Camount stranding   1   Carrier   yes   Cable weigh   41,8 g/m   Cable weigh   44,8 mm   Colerance outer diameter (sheath)   ± 5 %   Cable diameter insulation   1,25 mm   Cutter diameter tolerance core insulation   1,25 mm   Cutter diameter tolerance core insulation   1,25 mm   Conductor crosssection (wire)   0,34 mm²   Conductor crosssection (w	•	
installation   Cable  Zable identification 035  Zable Type 3  Zable Color yellow  Zype of Certificate cURus  Amount stranding 5 wires around Core filler twisted  Filler yes  Wire arrangement brown, black, blue, white, green-yellow  Zable weigth 41,8 g/m  Atterial jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount wires 5  Duter diameter (sacket) ± 5 %  Material wire insulation PP  Amount wires 5  Duter diameter tolerance core insulation 1,25 mm  Duter diameter tolerance core insulation 70 ± 5 Shore D  Ingredient freeness wire insulation 1,25 mm  Denderical free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strand, swire insulation 1,25 mm  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm²	Note on strain relief	
Dable identification         035           Dable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           vire arrangement         brown, black, blue, white, green-yellow           Cable weigth         41,8 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)         4,8 mm           Folerance outer diameter (sheath)         ± 5 %           Amount wires         5           Outer diameter insulation         PP           Amount wires         5           Outer diameter rolerance core insulation         7.0 ± 5 Shore D           Ongredient freeness wire insulation         70 ± 5 Shore D           Ingredient freeness wire insulation         1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²	Note on bending radius	
Cable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           Cable weigth         41,8 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           Duter-diameter (jacket)         4,8 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         5           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         70 ± 5 Shore D           Outer diameter insulation         70 ± 5 Shore D           Online freeness wire insulation         1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         42           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,34 mm²	Installation   Cable	
Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 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 Couter-diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Couter diameter insulation 1,25 mm Duter diameter tolerance core insulation 1 bead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,34 mm² Conductor crosssection (wire) 0,34 mm²	Cable identification	035
GURUS  Amount stranding  Stranding  5 wires around Core filler twisted  Filler  yes  wire arrangement  brown, black, blue, white, green-yellow  Cable weigth  41,8 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  Duter-diameter (jacket)  4,8 mm  Tolerance outer diameter (sheath)  ± 5 %  Amount wires  5  Duter diameter insulation  PP  Amount wires  5  Shore hardness wire insulation  1,25 mm  25 Shore D  Ingredient freeness wire insulation  Padd-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 Type	3
Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           Cable weigth         41,8 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)         4,8 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         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	Jacket Color	yellow
Stranding 5 wires around Core filler twisted  Filler yes  vire arrangement brown, black, blue, white, green-yellow  Cable weigth 41,8 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  Duter-diameter (jacket) 4,8 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Duter diameter insulation 1,25 mm  Duter 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 0,34 mm²	Type of Certificate	cURus
wire arrangement brown, black, blue, white, green-yellow  Cable weigth 41,8 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) 4,8 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 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
brown, black, blue, white, green-yellow  Cable weigth  41,8 g/m  Material jacket  PUR  Shore hardness jacket  90 ± 5 Shore A  Freedom from ingredients (jacket)  Duter-diameter (jacket)  As mm  Tolerance outer diameter (sheath)  4,8 mm  Tolerance outer diameter (sheath)  45 %  Material wire insulation  PP  Amount wires  5  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  25 %  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	5 wires around Core filler twisted
Cable weigth 41,8 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) 4,8 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 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	Filler	yes
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) 4,8 mm Folerance 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 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	vire arrangement	brown, black, blue, white, green-yellow
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,8 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 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	41,8 g/m
Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter-diameter (jacket)  4,8 mm  Folerance outer diameter (sheath)  PP  Amount wires  5  Duter diameter insulation  Puter diameter insulation  1,25 mm  Duter 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	PUR
Outer-diameter (jacket)  4,8 mm  Folerance outer diameter (sheath)  45 %  Material wire insulation  PP  Amount wires  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  1 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		90 ± 5 Shore A
Folerance 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 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		lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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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		
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 mm <sup>2</sup>		
Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm <sup>2</sup>		
Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,34 mm <sup>2</sup>		
Conductor crosssection (wire) 0,34 mm <sup>2</sup>		
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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: 2024-05-20



Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min