

## M12 male 0° / M8 female 0° A-cod.

PUR 3x0.25 ye UL/CSA+robot+drag ch. 4m

Male straight – female straight Zinc die casting, save-cover coated M12 – M8, 3-pole

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

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

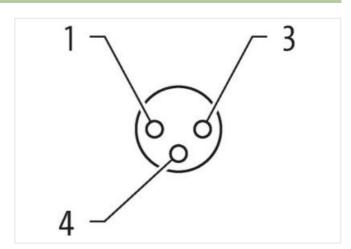
Plastic housings with good resistance against chemicals and oils.

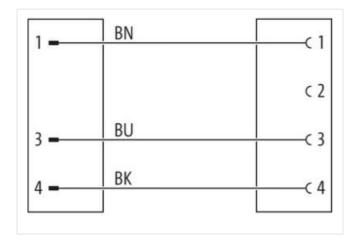
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

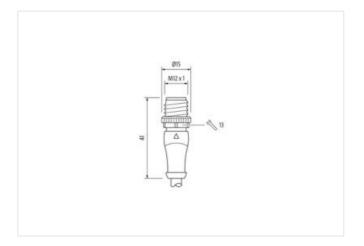
## **Link to Product**

## Illustration



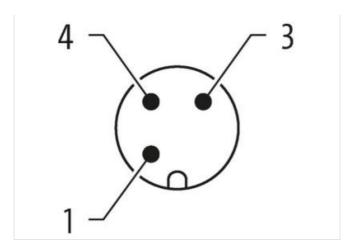


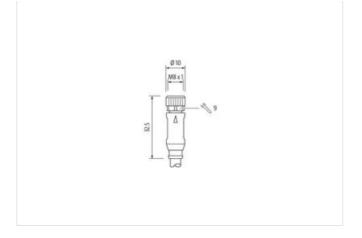






stay connected





Product may differ from Image



Cable length





4 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	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material	PUR
Width across flats	SW9
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	4048879163934
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: 2024-05-07



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Sperating voltage AC (UL-isted)	Operating voltage AC may	50 V
Deperating voltage AG (UL islated) 30 V  Deperating voltage DC (UL islated) 30 V  Device protection (Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Tated surge voltage AG (UL islated) 1,5 kV  Machinary voltage AG (UL islated) 1,5 kV  Machi	Operating voltage AC max.	
Diversing per contact max. 4 A  Current operating per contact max. 4 A  Cuttering percenting per contact max. 4 A  Cuttering Device protection [Electrical]  Cuttering Device protection [Electrical]  Cuttering Device protection (Electrical)  Cuttering Cut	· • •	
Durrent operating per contact max. 4 A  Polvice protection   Electrical  Additional condition protection degree   inserted, screwed    Polution Degree   3    Tated surge voitage   1,5 kV    Mechanical data   Material data    Souting of firing   nickel plated    Meterial group (IEC 69684-1)   I    Mechanical data   Material data    Souting of firing   nickel plated    Meterial gasket   FKM    Addiring material   Zinc de-casting    Meterial gasket   FKM    Addiring meterial   Zinc de-casting    Methanical data   Mounting data    Mounting method   Inserted, screwed, Shaking protection    Environmental characteristics   Climatic    Diperating temperature min.   -25 °C    Operating temperature max.   85 °C    Additional condition temperature range   depending on cable quality    Important installation notes    Volue on strain reliel   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.    Attention: Clickere the permissible bending radii when laying cables, as the IP protection class can be enclargered by excessive bending forces.    Conformity    Protect standard   DIN En 61076 2-101 (M12), DIN En 61076 2-114 (M8)    Installation   Cable    Sabel conformity   Sirver    Stranding   Sirver   Sirver    Stranding   Sirver   Sirver    Stranding   Sirver   Sirver    Stranding   Sirve		
Nexistance of the protection   Electrical   Additional condition protection degree   inserted, screwed   Politium Degree   3   Rated surge voltage   1,5 kV   Atteined group (EC 50564-1)   1    Mechanical date   Metrial date   Medianal grown (EC 50564-1)   2   Medianal grown date   Membra   Medianal grown date   Media	· · · · · ·	
Additional condition protection degree inserted, screwed  Pollution Degree 3  Saled surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mochanical data   Material data  Cataling locking including including including including plated  Material grasket FKM  Coading of litting including including including plated  Material screw connection Zinc die-casting  Mochanical data   Mounting data  Would wouting method inserted, screwed, Shaking protection  Environmental Abrancteristics   Climatio  Diperating 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 andangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable Injuny   Silver   S		
Attention Degree 3  attention Degree 15,5 kV  Mechanical data   Material data   FKM   Cooking material   Zim die-casting   Material gasket   FKM   Cooking material   Zim die-casting   Zim die-casting   Material gasket   FKM   Cooking material   Material screw connection   Zim die-casting   Mechanical data   Mounting data   Mounting data   Mounting method   Inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Cooking method   Coo	•	
Rated surge voltage 1,5 kV  withorial group (IEC 60664-1) I  Coating flooking safe-cover coated  Coating of fitting nickel plated  Whereing ignester FKM  Coating of fitting nickel plated  Whereing ignester FKM  Coating material Zinc die-casting  Whereing ignester FKM  Mechanical data   Mounting data  Whereing ignester FKM  Mechanical data   Mounting data  Whereing ignester FKM  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  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.  Conformity  Product standard  DN N 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable depution   Cable  Cable depu	<u> </u>	·
Material group (IEC 608641)  Mochanical data   Material data  Coating locking  Safe-cover coated  nickel plated  Material gasket  FKM  Coating locking  Material asserve comection  Zinc die-casting  Material ascrew connection  Zinc die-casting  Material screw connection  Zinc die-casting  Material plate  Material plate  Mounting method  Environmental characteristics   Climatic  Ciperating temperature man.  25 °C  Querating temperature man.  45 °C  Additional condition temperature man.  45 °C  Additional condition temperature man.  45 °C  Attention: Observe the permissible bending radial when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard  Din EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Zable identification  O50  Zable Type  5  Zable identification  O50  Zable Type  O50  Zable Type  O60  Zable Type  O70  O70  O70  O70  O70  O70  O70  O7		
Mechanical data   Material data  Casting to fitting nickel plated  Material gasket FKM  Jencific paraletical Zinc die-casting  Material gasket FKM  Mounting material Zinc die-casting  Material gasket Ikunting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Departaing temperature min25 °C  Departaing temperature max85 °C  Additional condition temperature range depending on cable quality  Important insiallation 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 radia when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN En 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Zable identification 050  Cable Type 0 5  Sale alkentification 050  Cable Type 0 5  Sale discretificate culture  Wive arrangement brown, black, blue  Traversing distance (C-track) 5 m @ 25 °C (I photozetal Jacket Pull Pull Pull Pull Pull Pull Pull Pul		
Coating locking         safe -cover coated           Coating of filting         nickel plated           Medreal gasket         FKM           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical characteristics   Climatic         Coperating temperature max         85 °C           Operating temperature max.         85 °C         Coperating temperature max           Additional condition temperature enge         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Conditional		· ·
Coating of fitting nickel plated  Material gasket FKM  Material gasket Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature min. 25 °C  Operating temperature max. 85 °C  Operating temperature max	Mechanical data   Material data	
Material gasket FKM ocking material	Coating locking	safe-cover coated
Auterial screw connection Zinc die-casting  Mechanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed. Shaking protection  Environmental characteristics   Climatic  Diperating temperature min25 °C  Operating temperature max. 55 °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.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product slandard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Zable identification O50  Cable Type 5  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  Wrie arrangement brown, black, blue  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Zable weight 26.4 g/m  Material jacket PUR  Material jacket Shore D  Teedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter diameter (jacket) 74 ± 3 Shore D  Outer diameter (selexibution) 74 ± 3 Shore D  Arround strandes (wire) 32  Arround strandes (wire) 32	Coating of fitting	nickel plated
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 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.  Note on brain relief Protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Toduct standard Din En 81076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 050  Cable Type 5  Cable identification URBs  Amount stranding 1  Stranding 1  Stranding 1  Toversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weight 264 g/m  Material jacket PuR  Shore hardness jacket 98 ± 3 Shore D  Treedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer diameter (jacket) 1,25 mm  Outer diameter rolerance core insulation 1,25 mm  Douter diameter tolerance core insulation 74 ± 2 Shore D  Ingredient freeness wire insulation 1,26 free, cadmium-free, CFC-free, halogen-free, silicone-free  Minount stranding 1,25 mm  Douter diameter rolerance core insulation 74 ± 2 Shore D  Ingredient freeness wire insulation 1,26 mm  Amount strandes (wire) 3,22	Material gasket	FKM
Mechanical data   Mounting data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic   Deparating temperature min.	Locking material	
Fouring method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min25 °C  Deparating 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 ries.  Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 050  Cable wire arrangement 050  Confirmity	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic  Deparating temperature min25 °C  Deparating temperature max. 85 °C  Deparating 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.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 050  Cable Type 5  Cable identification 050  Cable Type 5  Standing 1  Stranding 1  Stranding 1  Stranding 3 wires twisted URIus  Wire arrangement brown, black, blue  Treversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigh 26,4 g/m  Material jacket PUR  Shore hardness jacket — S8 ± 3 Shore D  Teredom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Unter diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Material wire insulation 1,25 mm  Duter diameter insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1,4 ± 3 Shore D  Ingredient freeness wire insulation 1,4 ± 3 Shore D	Mechanical data   Mounting data	
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Operating temperature min.  25 °C Operating temperature max.  85 °C depending on cable quality  Important installation notes  Note on brain relief Note on brain relief Note on bending radius  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.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification O50 Cable identification O50 Cable Type 5 Jacket Color yellow Type of Certificate CURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Traversing distance (C-track) 5 m @ 25 °C   horizontal Cable weigh 26.4 g/m Material jacket PUR  Shore hardness jacket S8 ± 3 Shore D Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Under-diameter (jacket) 4,3 mm  Toterance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Duter diameter insulation PP Amount wires 3 Duter diameter insulation 74 ± 3 Shore D Ingredient freeness wire insulation Pad-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 32	Environmental characteristics   Climatic	
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.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 050  Cable identification 050  Cable identification 050  Cable Cofor yellow  Type of Certificate cURus  Amount stranding 1  Stranding 1  Stranding 1  Fraversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigh 26.4 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  Duter-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Duter diameter lolerance core insulation 74 ± 3 Shore D  Ingredient reeness wire insulation 14 ± 5 %  Amount frands (wire) 32	·	-25 °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.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 050  Cable Type 5  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 26,4 g/m  Material jacket PUR  Shore hardness jacket   S8 ± 3 Shore D  Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Material wire insulation 74 ± 3 Shore D  Ingredient freeness wire insulation 74 ± 3 Shore D  Ingredient freeness wire insulation 74 ± 3 Shore D  Ingredient freeness wire insulation 74 ± 3 Shore D  Ingredient freeness wire insulation 74 ± 3 Shore D  Ingredient freeness wire insulation 74 ± 3 Shore D  Ingredient freeness wire insulation 74 ± 3 Shore D  Ingredient freeness wire insulation 74 ± 3 Shore D  Ingredient freeness wire insulation 74 ± 3 Shore D  Ingredient freeness wire insulation 74 ± 3 Shore D		
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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.  Conformity  Product standard  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification  O50  Cable Type  5  Jacket Color  Yellow  Cortificate  CURUS  Amount stranding  1  Stranding  3 wires twisted  wire arrangement  brown, black, blue  Traversing distance (C-track)  5 m @ 25 °C   horizontal  Cable weight  26,4 g/m  Material jacket  PUR  Shore hardness jacket  58 ± 3 Shore D  Freedom from ingredients (jacket)  Jead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount wires  3  Duter diameter (sheath)  ± 5 %  Amount wires  3  Duter diameter insulation  74 ± 3 Shore D  Ingedient freeness wire insulation  Amount strands (wire)  32	<u> </u>	depending on easie quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 050  Cable identification 050  Cable identification 240  Installation   Cable 250  Instal	•	
endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 050  Cable Type 5  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Traversing distance (C-track) 5 m@ 25 °C   horizontal  Cable weigth 26,4 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Teredom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter-diameter (jacket) ± 5 %  Material wire insulation PP  Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation 27 ± ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 32	Note on strain relief	
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 050  Cable identification 050  Cable (John Color Spellow Figure 1)  Jacket Color Spellow Figure 1  Jacket Spellow Figure 1  J	Note on bending radius	
Installation   Cable Cable identification  O50 Cable identification  O50 Cable Type  Sacket Color  yellow Type of Certificate  cURus Amount stranding  1 Stranding  3 wires twisted wire arrangement  brown, black, blue Traversing distance (C-track)  S m @ 25 °C   horizontal  Cable weigth  Material jacket  PUR Shore hardness jacket  Freedom from ingredients (jacket)  Duter-diameter (jacket)  4,3 mm Tolerance outer diameter (sheath)  ± 5 %  Amount wires  3  Outer diameter insulation  PP  Amount wires  3  Shore hardness wire insulation  74 ± 3 Shore D  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Ingredient free, cadmium-free, CFC-free, halogen-free, silicone-free  Shore hardness wire insulation  74 ± 3 Shore D  Ingredient freeness wire insulation	Conformity	
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Cable Type 5 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Traversing distance (C-track) 5 m @ 25 °C   horizontal Cable weigth 26,4 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  Duter-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation 54 ± 3 Shore D Ingredient freeness wire insulation 14 ± 5 % Shore hardness wire insulation 1,25 mm Duter diameter tolerance core insulation 74 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Installation   Cable	
Cable Type 5 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted Wrie arrangement brown, black, blue Traversing distance (C-track) 5 m @ 25 °C   horizontal Cable weigth 26,4 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  Amount wires 3 Duter diameter (sheath) ± 5 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Cable identification	050
Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 26,4 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  Duter-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation 74 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 32	Cable Type	5
Amount stranding 1 Stranding 3 wires twisted  wire arrangement brown, black, blue  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Cable weigth 26,4 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 74 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 32	Jacket Color	yellow
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Traversing distance (C-track)  5 m @ 25 °C   horizontal  26,4 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  Duter-diameter (jacket)  4,3 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  3  Duter diameter insulation  1,25 mm  Duter diameter tolerance core insulation  4 ± 3 Shore D  Ingredient freeness wire insulation  Padingulation  74 ± 3 Shore D  Ingredient freeness wire insulation  Padingulation  12  13  14  15  15  16  16  16  16  16  17  17  17  18  18  18  18  18  18  18	Stranding	3 wires twisted
Cable weigth 26,4 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 74 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Amount strands (wire) 32	wire arrangement	brown, black, blue
Material jacket  PUR  Shore hardness jacket  58 ± 3 Shore D  Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket)  4,3 mm  Folerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  3  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  5 %  Shore hardness wire insulation  74 ± 3 Shore D  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Amount strands (wire)  32	Traversing distance (C-track)	5 m @ 25 °C   horizontal
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Amount strands (wire) 32	Shore hardness wire insulation	
	Ingredient freeness wire insulation	· · · · · · · · · · · · · · · · · · ·
Diameter of eingle wires		32
Diameter of single wires 0,1 min		

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: 2024-05-07



Conductor crosssection (wire)	0,25 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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	79 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 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
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	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min