

## M12 male 0° / M12 female 0° A-cod.

PUR 3x0.34 gy UL/CSA+robot+drag ch. 0.6m

Male straight – female straight M12 – M12, 3-pole bridged

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

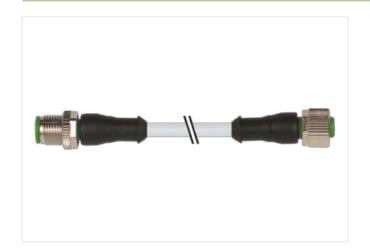
Plastic housings with good resistance against chemicals and oils.

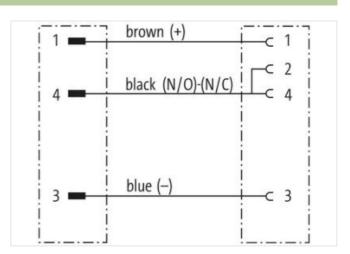
The resistance to aggressive media should be individually tested for your application. Further details on request.

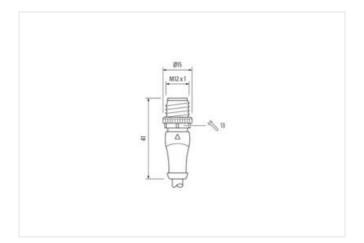
Further cable lengths on request.

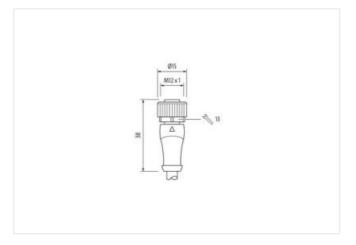
## **Link to Product**

## Illustration

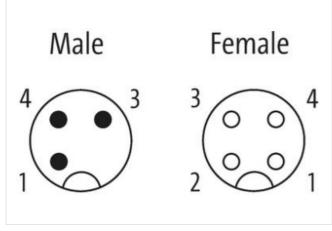












Product may differ from Image













Cable length	0,6 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Commercial data	
ECLASS-6.0	27061801
customs tariff number	85444290
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V



stay connected

Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         M2 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree         as           Facilitation up voltage         2.5 N V           Machanical group (IEC 96964-1)         1           Machanical data   Material data           Coating locking         safe-cover coated           Coating locking         nickel plated           Material group (IEC 96964-1)         PMA           Coating locking         nickel plated           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mochanical data   Mourting data         Zinc die-casting           Mochanical data   Mourting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Coparating temperature max         25 °C           Additional condition temperature range         depending temperature max           Additional condition temperature range         depending temperature range           Operating temperature max         25 °C           Additional condition temperature range	Oranghina valla va DO vasu	OFO V
Operating voltage DC (ILL-elest) 30 V Current operating per contact max. 4 A  Diagnostics  Situs or focation LED no Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Protuction Degree 3  Related surge voltage (EC 60664+1) I  Nochanical data   Material data  Coating to fishing no sickle planad  Material group (EC 60664+1) I  Nochanical data   Material data  Coating to fishing noisel planad  Material group (EC 60664+1) I  Nochanical data   Material data  Coating to fishing noisel planad  Material screw connection Zind de casting  Material screw connection Zind de casting  Material screw connection Zind de casting  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatio  Operating temperature min. 25 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on sharin first installation notes  Controlly  Product standard Disk 61076-2-101 (M12)  Installation   Cable  Wire arrangement Disk 61076-2-101 (M12)  Installation   Cable  Wire arrangement Disk 61076-2-101 (M12)  Tatalatian   Cable  Wire arrangement Disk 61076-2-101 (M		
Diagnostics  Stude indication LED no Installation   Connection Mounting set MIZ x 1  Provise protection   Electrical Additional condition protection diagnee inserted, screwed Pollution Degree 3  Additional condition protection diagnee inserted, screwed Pollution Degree 3  Additional condition protection diagnee inserted, screwed Pollution Degree 3  Additional condition protection diagnee inserted, screwed Pollution Degree 3  Additional condition protection diagnee inserted, screwed Pollution Degree 3  Additional condition protection diagnee inserted, screwed inserted, screwed, scre		
Display incidention LED         no           Installation (Connection)         M12 x 1           Incidention (Connection)         M12 x 1           Power protection (Electrica)         M2 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Raided surge voltage         2,5 kV           Machanical data (Material data)         Machanical data (Material data)           Conditing folding         nick oper coated           Conditing folding         nick oper coated           Material screw connection         2 find de-casting           Material screw connection         2 find de-casting           Machanical data (Mouring data)         Machanical data (Mouring data)           Muchanical persperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C           Note on starin distallation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.           Note on bending radiu         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.           Conformity         Protect the connectors by suitable measures from mechanica		
Status indication LED         no           Installation   Connection         M12 x 1           Device protection   Electrical         M12 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Read surge voltage         2,5 kV           Machanical Stall Material datal         V           Coating Toolking         safe-cover coated           Coating Tocking         nickle plated           Machanical Stall Mounting datal         FKM           Locklang material         Zinc dis-casting           Machanical Stall Mounting data         FKM           Mounting mathod         Inserted, screwed, Shaking protection           Environmental characteristics Climation           Professing temperature min.         -25 °C           Operating temperature max         85 °C           Additional condition temperature range         Professing temperature range           Important installation notes         Note on strain relief         Professing temperature range           Note on berding radius         Attentions: Observe the permissible bending radii when laying cables, as the IP protection class can be endangraped by avocable bending force.           Conformity         Product the connectors by suitable measures from mechanical loads, e.g. by the usage of cable less.		4 A
Installation   Connection   Section   Secti	Diagnostics	
Mounting set  Mo	Status indication LED	no
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I Mechanical data   Material data   Materi	Installation   Connection	
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60684-1) 1  Mechanical data   Material data Coating locking safe-cover coated Coating locking mickel plated Material gasket FKM Coating locking pasket FKM Material group (IEC 60684-1) 2/10 de-casting Material gasket FKM Coating locking material Zinc die-casting Material screw connection Zinc de-casting Mechanical data   Mounting data Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating 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 lies. Attention: Coserve 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) Installation   Cable wire arrangement brown, black, blue Cable installation   253 Cable Type   5 Jases Color Type of Certificate culfus Cable installation   3 wires twisted  Stranding 3 wires twisted  Freedom from ingredients (jacket) PUR  Material vire insulation PUR  Freedom from ingredients (jacket) 4,3 mm  Tolerance outer diameter (jacket) 4,3 mm  Tolerance outer diameter (jacket) 1,25 mm  Outer diameter insulation 1,25 mm	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 2,5 k/V  Machanical group (IEC 60964-1) 1  Mechanical data   Material data  Coating of thing nickel plated Material gasket FKM  Material gasket FKM  Material gasket FKM  Mounting method Zinc die-casting Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Additional condition emperature rans.	Device protection   Electrical	
Rated surge voltage         2.6 kV           Material group (IEC 60664-1)         1           Mechanical data   Mechanical gasket         FKM           Coating of fitting         nickle plated           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket (Locking material)         Zinc die-casting           Mechanical data   Mounting deta         Mechanical data   Mounting deta           Mechanical data   Mounting deta         Strong die-casting           Mechanical data   Mounting deta         Strong die-casting           Mechanical data   Mounting deta         Strong die casting           Mechanical data   Mounting deta         Strong die casting           Mechanical data   Mounting deta         Strong die casting           Mechanical (harmania   Mechanical data   Mounting deta         Btrong die casting           Operating temperature max         85 °C           Additional condition temperature max         85 °C           Additional condition temperature max         85 °C           Additional condition temperature max         4therion: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity	Additional condition protection degree	inserted, screwed
Material group (IEC 80864-1)  Mochanical data   Material data  Coating locking nickel plated  Material gasket FKM  Locking material Zince de-casting  Material grow connection Zinc de-casting  Material serve wonnection Zinc de-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Additional condition temperature range  B5 °C  Additional condition temperature range  Attentions: 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)  Installation   Cable  installation   Cabl	Pollution Degree	3
Mechanical data   Material data   Material data   Coating of fitting   nickel plated	Rated surge voltage	2,5 kV
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Coating of fitting nickel plated Material gasket FKM  Material gasket Zinc dis-casting  Material screw connection Zinc dis-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature rams 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)  Installation   Cable    Wire arrangement brown, black, blue  Cable identification 253  Cable Type 5  Jakekt Cobor gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weight 29,7 g/m  Material jacket PUR  Shore hardness jacket PUR  Shore hardness jacket SB ± 3 Shore D  Freedom from ingredients ((lacket)    Leaf-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 1,25 mm  Outer diameter tolerance core insulation 1,25 mm  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation 1,25 mm	Mechanical data   Material data	
Coating of fitting nickel plated Material gasket FKM  Material gasket Zinc dis-casting  Material screw connection Zinc dis-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature rams 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)  Installation   Cable    Wire arrangement brown, black, blue  Cable identification 253  Cable Type 5  Jakekt Cobor gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weight 29,7 g/m  Material jacket PUR  Shore hardness jacket PUR  Shore hardness jacket SB ± 3 Shore D  Freedom from ingredients ((lacket)    Leaf-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 1,25 mm  Outer diameter tolerance core insulation 1,25 mm  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation 1,25 mm	Coating locking	safa-cover coated
Material gasket   FKM   Zinc die-casting   Zinc die		
Locking material Screw connection Zinc die-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature mix25 °C  Operating temperature mix25 °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 standard DIN EN 61076-2-101 (M12)  Installation   Cable  wire arrangement brown, black, blue  Cable identification 253  Cable Type 5  Jacket Cotor gray  Type of Certificate culture  URus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weight 29,7 g/m  Material jacket PUR  Shore hardness jacket 8\$ ± 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) PP  Amount wires 3  Outer diameter risulation PP  Amount wires 1,25 mm  Outer diameter rolerance core insulation 1,25 mm  Outer diameter rolerance core insulation ± 5 %		· · · · · · · · · · · · · · · · · · ·
Material screw connection         Zinc die-casting           Mechaical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Departing temperature min.         25 °C           Operating temperature max.         85 °C         Additional condition temperature range depending on cable quality         Departing 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.           Note on brading radius         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)           Installation   Cable         Use a standard         Din Stallation   Cable           wire arrangement         brown, black, blue         Cable identification         253           Cable identification         253         Secondary         Secondary           Type of Certificate         CURus         Curve (Certificate)         CURus           Amount stranding         1         Stranding         3 wires twisted           wire arrangement         brown, black, blue         Cable weight         29.7 g/m           Shore hardness jacket         PUR		
Mechanical data   Mounting method inserted, screwed. Shaking protection  Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature max. 45 °C Additional condition temperature max. 85 °C Additional condition temperature max. 45 °C Additional condition temperature max. 85 °C Additional condition temperature max. 45 °C Additional condition temperature depending on cable quality  Imperature max. 45 °C Additional condition temperature depending on cable quality  Imperature max. 45 °C Additional condition temperature depending on cable quality  Imperature max. 45 °C  Attention temperature depending on cable quality  Imperature max. 45 °C  Attention temperature depending on cable quality  Imperature max. 45 °C  Attention temperature max. 45 °C  Attention temperature max.		
Mounting method inserted, Screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature min.		Zino die-casting
Environmental characteristics   Climatic Operating 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.  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 standard DIN EN 61076-2-101 (M12) Installation   Cable wire arrangement brown, black, blue Cable identification 253 Cable Type 5 Salacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 1 Stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (gacket) 4,3 mm Tolerance outer diameter (sheath) 5.5 % Material wire insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm		
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endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  wire arrangement brown, black, blue Cable identification 253 Cable Type 5 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 29,7 g/m Material jacket PUR Shore hardness jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) 4,3 mm Atterial wire insulation PP Amount wires 3 Outer diameter (sheath) PP Amount string insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           wire arrangement         brown, black, blue           Cable identification         253           Cable Type         5           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         29.7 g/m           Material jacket         PUR           Shore hardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %	Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation   Cable           wire arrangement         brown, black, blue           Cable identification         253           Cable Type         5           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         29,7 g/m           Material jacket         PUR           Shore hardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %	Conformity	
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wire arrangement brown, black, blue  Cable identification 253  Cable Type 5  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 29,7 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Installation   Cable	
Cable identification         253           Cable Type         5           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         29,7 g/m           Material jacket         PUR           Shore hardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %		brown black blue
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Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 29,7 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	<u></u>	
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Cable weigth 29,7 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	wire arrangement	
Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Cable weigth	
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 %	Material jacket	<del>-</del>
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 jacket	58 ± 3 Shore D
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Freedom from ingredients (jacket)	
Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Outer-diameter (jacket)	4,3 mm
Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Tolerance outer diameter (sheath)	
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 %	Amount wires	3
Outer diameter tolerance core insulation ± 5 %	Outer diameter insulation	1,25 mm
Shore hardness wire insulation 74 ± 3 Shore D	Outer diameter tolerance core insulation	· · · · · · · · · · · · · · · · · · ·
	Shore hardness wire insulation	74 ± 3 Shore D

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: 2024-06-26



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>
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	6 A
Electrical resistance line constant wire	60 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   IEC 60332-2-2   UL 1581 § 1100 FT2
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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min