

## M12 male 0° / M12 female 0° A-cod.

PUR 3x0.34 ye UL/CSA+robot+drag ch. 1m

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

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

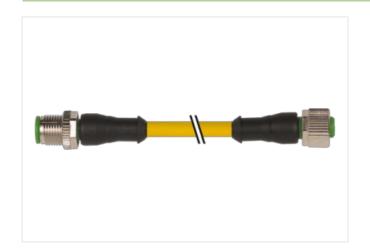
Plastic housings with good resistance against chemicals and oils.

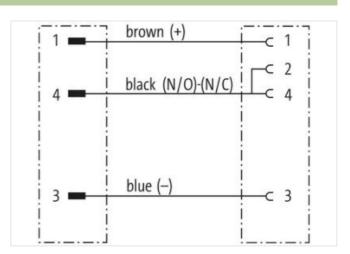
The resistance to aggressive media should be individually tested for your application. Further details on request.

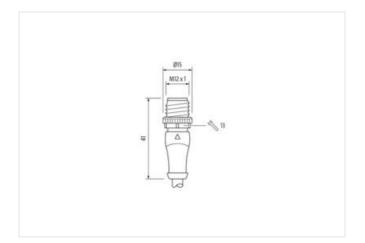
Further cable lengths on request.

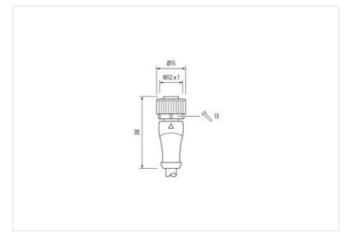
## **Link to Product**

## Illustration

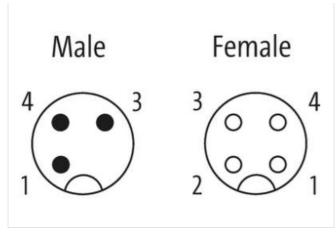


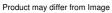
























Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree 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

Operating voltage AG (UL isteed)         30 V           Operating voltage Op (UL isteed)         30 V           Current operating voltage Op (UL isteed)         30 V           Diagnostics         4 A           Status indication LED         no           Installation Connection         Market Description (Electrical Description)           Mounting set         M12 x I           Additional condition protection (Electrical Description)         Installation (Description)           Additional condition protection (electrical Section)         Installation (Description)           Additional condition protection (electrical Section)         Installation (Description)           Additional condition (Electrical Section)         Installation (Electrical Section)           Additional condition (Electrical Section)         Installation (Electrical Section)           Malerial group (EleCription)         Safe-cover costed           Country (Electrical Section)         Safe-cover costed           Country (Electrical Section)         Installation (Electrical Section)           Makerial group control (Electrical Section)         Installation (Electrical Section)           Malerial group control (Electrical Section)         Installation (Electrical Section)           Mountry (Electrical Section)         25 °C           Operating (electrical Section)         25 °C	Oranghina valla va DO vasu	OFO V
Operating per contact max. 4 A  Diagnostics  Situs in focation LED no installation   Connection  Multiple State   Multiple St	Operating voltage DC max.	250 V
Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Mounting set         MIZ x 1           Device protection   Electrical           Additional condition protection degree         Installation   Connection   Conn		
Dispensation         Status incidiation (ED)         no           Installation (Connection)         M12 x 1           Mounting set         M12 x 1           Device protection (Electrica)         M24 distinant condition protection degree         inserted, screwed           Pollution Degree         3         3           Rated surge voltage         2,5 kV           Material group (EG 69684-1)         1           Mechanical data   Material data         Coasting of fitting         nickel plated           Material gastest         FNM           Locking material         Zinc dis-casting           Material screw connection         Zinc dis-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature min.         85 °C           Additional condition temperature range         depending on eable quasity           Important instillation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fees.           Note on strain restard         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fees.           Contentity         P		
Installation   Connection		4 A
Installation   Connection   Stocking and Stocki	Diagnostics	
Mounting set         M12 x 1           Device protectional         Additional condition protection degree         insented, screwed           Pollution Degree         3           Railed surge voltage         2,5 kV           Mechanical data   Material data         Coating of fitting           Coating to fitting         nickel plated           Material group fitting         nickel plated           Material gasket         FKM           Locking material         Zinc do-casting           Material gasket         FKM           Locking material         Zinc do-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Mechanical characteristics   Climatic         Feed of Coating           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional 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 tess.           Note on bending radius         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.           Note on bending radius         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.           Oction Contai	Status indication LED	no
Device protection   Electrical	Installation   Connection	
Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 2,5 kV  Material group (IEC 80084-1) I  Mechanical data   Material data  Coating locking   Safe-cover coated Coating of fitting nickel plated Material gasket FKM  Locking material   Zinc die-casting Material gasket   FKM  Locking material   Zinc die-casting Material screw comerction Zinc die-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 rege depending on cable quality  Important insaliation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Cobserve the permissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces.  Conformity  Product standard Din Screwed Screwed Shaking protection  installation   Cable  wire arrangement brown, black, blue  Cable identification 093  Cable identification 093  Cable identification 093  Sales   Cook of the comercion of the	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 2,5 k/V  Mechanical data   Material data  Coating looking askerover coated  Coating looking nickel plated  Material gasket FKM  Locking material Zinc disc-assing  Material gasket FKM  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Attention: Observe the permissible bending radia when laying cables, as the IP protection class can be endanged by excessive bending forces.  Conformity  Product standard   Din En 61076-2-101 (M12)    Installation   Color    Weile arrangement   brown, black, blue    Cable identification   OS3    Cable identification   OS4    Cable identification   OS4    Cable identification   OS5    C	Device protection   Electrical	
Rated surge voltage 2,5 kV Material group (ICC 60064-1) I Coating flocking safe-cover coated Coating of litting nickel plated Material gasket FM Locking material Zinc dies   Mechanical Server Coated Coating of litting nickel plated Locking material Zinc die-casting Material gasket FM Material gasket SM Mechanical dats   Mounting dies Methodical dats   Mounting dies   Mounting die	Additional condition protection degree	inserted, screwed
Meterial group (IEC 60664-1)  Mechanical data   Material data  Coating locking sale-cover coalaed  Coating locking mickel plated  Material gasket FRM  Locking material Zinc die casting  Material gasket FRM  Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Pervironmental characteristics   Climatic  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 contangered by encessive bending forces.  Conformity  Product standard   DIN EN 61076-2-101 (M12)  Installation   Cable  Wire arrangement   DIN EN 61076-2-101 (M12)  Installation   Cable  Wire arrangement   DIN EN 61076-2-101 (M12)  Pervironmental   DIN EN 61076-2-101 (M12)  Pervironmental	Pollution Degree	3
Mechanical data   Material data         sale-cover coated           Coating of litting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material grasket         FKM           Mechanical datal   Mounting data         Judie deasting           Mechanical datal   Mounting data         Judie deasting           Environmental characteristics   Climatic         Judie deasting           Environmental characteristics   Climatic         Judie deasting protection           Environmental characteristics   Climatic         Portional properature main.           Operating temperature main.         35 °C           Operating temperature main.         35 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Important installation notes           Note on banding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ordangered by excessive bending forces.           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         brown, black, blue           Cable deminication         053           Cable Type of Certificate         URUs           Amount stranding         1 <td>Rated surge voltage</td> <td>2,5 kV</td>	Rated surge voltage	2,5 kV
Coating locking safe-cover coated Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature rame 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.  Aftentions: Observe the permissible bending radii when laying cables, as the IP protection class can be endangerature laying the protection class can be endangerated by excessive bending forces.  Conformity  Product slandard DIN EN 61076-2-101 (M12) Installation   Cable  Universal arrangement brown, black, blue Cable identification 053 Cable Type 5 Suakerl Cofor yellow Type of Certificate cURus Amount stranding 1 Strandi	Material group (IEC 60664-1)	
Coating of fitting nickel plated Material gaskert FKM Locking material Material screw connection Zinc die-casting Material screw connection Zinc die-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 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) Installation   Cable  Universal and and Din Screen	Mechanical data   Material data	
Coating of fitting nickel plated Material gaskert FKM Locking material Material screw connection Zinc die-casting Material screw connection Zinc die-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 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) Installation   Cable  Universal and and Din Screen	Coating locking	safe-cover coated
Material gasket   FKM   Zinc die-casting   Zinc die		
Locking material Screw connection Zinc die-casting  Meterial screw connection Zinc die-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 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 Drown, black, blue  Cable identification 053  Cable Type 5  Salacket Cotor yellow  Type of Certificate cultures  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, CPC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,3 mm  Tollerance outer diameter (sheath) ± 5 %  Material wire insulation 1,25 mm  Outer diameter rollerance core insulation ± 5 %		· · · · · · · · · · · · · · · · · · ·
Material screw connection         Zinc die-casting           Mechaical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         2.5 °C           Operating temperature max.         85 °C         Additional condition temperature range depending on cable quality         Additional 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.           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         Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         United an endangered by excessive bending forces.           Conformity         Vivia a rangement         Din En 61076-2-101 (M12)           Installation   Cable         Vivia a rangement         Drown, black, blue           Cable indentification         053         Control (M12)           Installation   Cable weight         29.7 g/m           Amount stranding         1         1           Stranding         3 wires twisted           wire arrangement         Drown,	Locking material	
Mechanical data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature max 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 053 Cable Type 5 Jacket Cotor yellow Type of Certificate culfus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 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 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Material screw connection	
Mounting method inserted, Screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature min.	Mechanical data   Mounting data	· ·
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 053 Cable Type 5 Suacket Color yellow 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 PUR Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) 5,5 % Material wire insulation 1,25 mm Outer diameter insulation 1,25 mm		inserted, screwed. Shaking protection
Operating temperature min. Operating temperature max. 85 °C Additional condition temperature max. 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 Ogs Cable Identification Ogs Cable Identification Upun		
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Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           wire arrangement         brown, black, blue           Cable identification         053           Cable identification         053           Cable Type         5           Jacket Color         yellow           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	endangered by excessive bending forces.
Installation   Cable           wire arrangement         brown, black, blue           Cable identification         053           Cable Type         5           Jacket Color         yellow           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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Cable identification         053           Cable Type         5           Jacket Color         yellow           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         053           Cable Type         5           Jacket Color         yellow           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 %	wire arrangement	brown black blue
Cable Type 5 Jacket Color yellow 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 %		
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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 %		
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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 %	Amount stranding	
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 %		3 wires twisted
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	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 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)  Outer-diameter (jacket)  A,3 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  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)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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: 2024-06-23



Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of 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