

## M12 male 0° / M12 female 0° A-cod.

PVC 3x0.34 ye UL/CSA 1m

Male straight – female straight

M12 - M12, 3-pole

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

Plastic housings with good resistance against chemicals and oils.

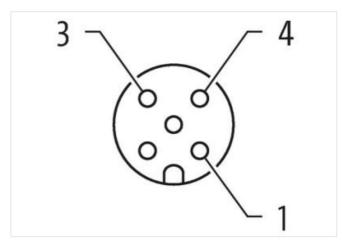
The resistance to aggressive media should be individually tested for your application. Further details on request.

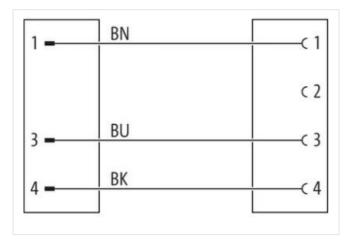
Further cable lengths on request.

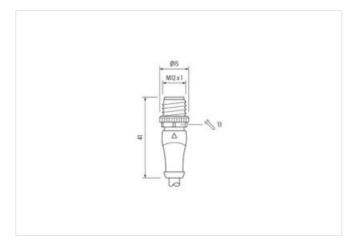
## **Link to Product**

## Illustration





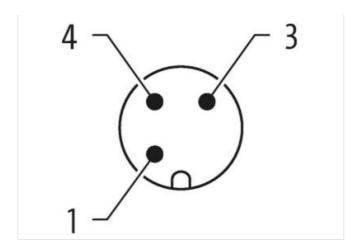






stay connected





Product may differ from Image













Cable length	1 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
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
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW13
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



stay connected

Processing voltage AC max.   250 V	GTIN	4048879186735
Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-steed)         30 V           Operating voltage DC (UL-steed)         30 V           Operating voltage DC (UL-steed)         30 V           Operating voltage DC (UL-steed)         MC V           Mounting set         MT2 x 1           Powler protection   Electrical         V           Additional condition protection degree         inserted, screwed           Powlet protection   Electrical         V           Additional condition protection degree         3           Reclaim on the protection of the protection degree         3           Medical group (IEC 8084-1)         I           Mechanical data   Material data         V           Coating of Milling         nickeled           Coating of Milling         nickel plated           Locking material         Zinc die casting           Mechanical data   Mounting data         Mounting method           Ervironmental characteristics   Climatic         Coperating impressure max           Operating impressure max         25 °C           Additional condition temperature max         45 °C           Additional condition tempera	Packaging unit	1
Operating voltage DC max.   250 V	Electrical data   Supply	
Operating voltage DC max.   250 V	Operating voltage AC max.	250 V
Corraing valtage AC (UL island) 39 V Courrent operating yor contact max. 4 A Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional condition protection degree inserted, screwed  Pollution Degree 3  Assauds surge voltage 2,5 kV Material group (IEC 80864-1) I  Mechanical data   Material data  Conting of Infining noise   Decision   Nickeled  Conting of Infining noise   Decision	·	
Current operating vortage DC (UL-islaed) 30 V Current operating per contact max. 4 A  Mainstallation (Commercion Mounting set M12 x 1  Device protection (Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV Malarial group (IEC 60064-1) I  Mechanical data   Material data  Coating to (bring a nickel plated  Lodeing material 2 inches a control of the protection o	Operating voltage AC (UL-listed)	30 V
Current operating per contact max.  Installation   Connection  Mounting set   M12 x 1  Device protection   Electrical  Additional condition protection degree   misserted, screwed   Pollution Degree   3  Pated surge voltage   2,5 kV    Material group (EC 606641)      Costing poking   Mickeled   Costing of fitting   mickel plated   Costing of fitting   mickel plated   Costing fitting fitting   Costing fitting fitting   Costing fitting fitti		30 V
Mounting set M12 x 1  Pevice protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated suge voltage 2,5 kV  Material group (IEC 60684-1)   1  Coating looking Nickeled  Coating of Hitting nickel plated coating or Hitting nickel plated  Looking material 2	Current operating per contact max.	4 A
Device protection   Electrical  Additional condition protection degree   inserted, screwed    Pollution Degree   3   3   3    Rated surge voltage   2,5 kV    Material group (IEC 60664-1)   1  Mechanical data   Material data    Coating locking   Nickeled    Coating of fitting   nickel plated    Locking material   Zim die-casting    Material surge voltage   Zim die-casting    Material surge voltage   Zim die-casting    Material surge voltage   Material data    Mounting method   Inserted, screwed, Shaking protection    Environmental characteristics   Climatic    Coperating temperature min.   25 °C    Operating temperature max.   85 °C    Additional condition temperature range   depending on cable quality    Important installation notes    Note on strain rolled   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.    Attention: Coserve the permissible bending forces.    Contomity    Product standard   Din En 61076-2-101 (M12)    Installation   Cable    Cable identification   013    Cable Type   1    Lacket Cobr   yellow    Amount stranding   1    Lacket Cobr   yellow    Amount stranding   3 vies histed    wire arrangement   Drown, black, blue    Cable Weigh   34,1 g/m    Material jacket   PVC    Shore hardness jacket   Federal Capital (electric)   4,6 mm    Tolvariance outer diameter (sleath)   4,6 mm    Colucter diameter (jacket)   4,5 mm    Outer diameter (inclust)   1,55 mm    Outer diameter lookance core insulation   5,5 %	Installation   Connection	
Additional condition protection degree inserted, screwed  Pollution Degree 3  Raded surge voltage 2,5 kV  Material group IEC 60664-1) 1  Mechanical data   Material data  Coating locking nickel plated Coating for fitting nickel plated Locking material 2 incertain a data   Material data   Mounting data  Material screw connection 2 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Poperating 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 fies.  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 Cable inflication   O13 Cable inflication   O15 Cable inflication	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 2,5 k/V Makerial group (IEC 60664-1) 1  Mechanical data   Material data Coating obking Nickeled Coating of Ritting nickel plated Locking material Zinc die-casting Malerial screw connection Zinc die-Casting Material screw connection Zinc die-Casting Malerial screw connection Zinc die-Casting Malerial screw connection Zinc die-Casting Material screw connection Zinc die-Casting Material properature material Characteristics   Climatic Privronmental characteristics   Climatic Poperating temperature max. 25 °C Operating temperature max. 25 °C Additional condition temperature range depending on cable quality Important installation notes  Note on shrain 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 Cable distribution   013 Cable identification   013 Cable identification   013 Cable identification   013 Cable identification   014 Cable identification   015 Cable identification   016 Cable identification   017 Cable identification   018 Cable identificatio	Device protection   Electrical	
Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Machanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  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 min. 25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain reitef Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Altentions: 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)  Installation   Cable  Cable identification   013  Gable Type   1  Lackel Color   yellow  Type of Certificate   CURus  Amount stranding   1  Stranding   3 wires twisted wire arrangement   brown, black, blue  Cable weight   34,1 g/m  Material jacket   PVC  Shore hardness jacket   85 ± 5 Shore A    Freedom from ingretients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket)   4,6 mm  Outer diameter insulation   1,25 mm  Outer diameter tolerance core insulation   1,25 mm  Outer diameter tolerance core insulation   1,25 mm	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)         I           Mechanical data   Material data         Inkeled           Coating locking         Nickeled           Coating locking         nickel plated           Locking material         Zinc die-casting           Meterial screw connection         Zinc die-casting           Mechanical data   Mounting data         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         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)           Cable identification   Cable         Cable identification   Quality           Cable (identification   Cable         URUS           Cable (identification   Quality         1           Cable (identification   Quality         1           Cable (identification   Quality         2           Cable (identification   Quality	Pollution Degree	3
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Coating locking Nickeled nickel plated   Nicke	Material group (IEC 60664-1)	I
Coating of fitting nickel plated 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 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  Cable identification O13  Cable IType 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weight 34,1 g/m  Material jacket PC  Shore hardness jacket PC  Shore hardness jacket PC  Shore hardness jacket PC  Culter-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) 2,5 %  Material wire insulation PC  Quiter diameter (soletation) 1,25 mm  Outler diameter tolerance core insulation 1,25 mm	Mechanical data   Material data	
Coating of fitting nickel plated 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 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  Cable identification O13  Cable IType 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weight 34,1 g/m  Material jacket PC  Shore hardness jacket PC  Shore hardness jacket PC  Shore hardness jacket PC  Culter-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) 2,5 %  Material wire insulation PC  Quiter diameter (soletation) 1,25 mm  Outler diameter tolerance core insulation 1,25 mm	Coating locking	Nickeled
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 min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Inportant 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   1  Jackel Color yellow  Type of Certificate cluRus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weight 34,1 g/m  Material jacket PVC  Shore hardness jacket PVC  Shore hardness jacket PVC  Shore hardness jacket (6hath) ± 5 %  Material wire insulation PVC  Amount wires 3  Quiter diameter (locket) 1,25 mm  Outler diameter (soletalication) 1,25 mm  Outler diameter tolerance core insulation 1,25 mm  Outler diameter tolerance core insulation 1,25 mm  Outler diameter tolerance core insulation 1,5 %		
Material screw connection Zinc die-casting  Mechanical data   Mounting data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic   25 °C   Operating temperature min.	Locking material	· · · · · · · · · · · · · · · · · · ·
Meunting 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  Inportant 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  Cable identification 013  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigh 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Material screw connection	
Environmental characteristics   Climatic  Operating temperature min.	Mechanical data   Mounting data	
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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  Cable identification 013  Cable Type 1  Jacket Color yellow  Type of Certificate CURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± S Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) ± 5 %  Material vire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Outer diameter tolerance core insulation ± 5 %  Outer diameter tolerance core insulation ± 5 %	•	District the connection by witchis many many from manhorized lands on the the many of solds the
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Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         013           Cable Type         1           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %	Note on bending radius	
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Cable identification         013           Cable Type         1           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %	Product standard	DIN EN 61076-2-101 (M12)
Cable Type         1           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %	Installation   Cable	
Cable Type         1           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         34,1 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %	Cable identification	013
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Type of Certificate  Amount stranding  1  Stranding  3 wires twisted  wire arrangement  brown, black, blue  Cable weigth  34,1 g/m  Material jacket  PVC  Shore hardness jacket  85 ± 5 Shore A  Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket)  4,6 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PVC  Amount wires  3  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  ± 5 %  Outer diameter tolerance core insulation  ± 5 %  Outer diameter tolerance core insulation  ± 5 %	Jacket Color	
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Type of Certificate	
Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Amount stranding	
wire arrangement brown, black, blue  Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Stranding	3 wires twisted
Cable weigth 34,1 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	wire arrangement	
Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Cable weigth	34,1 g/m
Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Material jacket	PVC
Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  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, silicone-free
Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Outer-diameter (jacket)	4,6 mm
Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 %	Amount wires	3
	Outer diameter insulation	1,25 mm
Shore hardness wire insulation 45 ± 5 Shore D	Outer diameter tolerance core insulation	±5%
	Shore hardness wire insulation	45 ± 5 Shore D



Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter