

## M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 15m

**Ethernet CAT5** Male 90° M12, 4-pole D-coded shielded

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

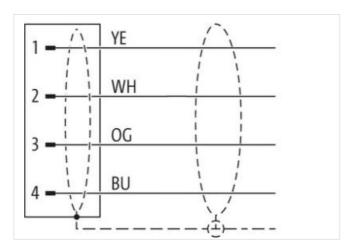
Plastic housings with good resistance against chemicals and oils.

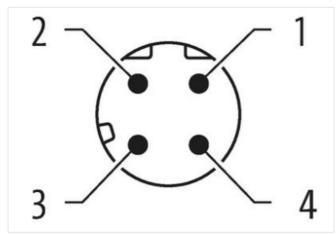
The resistance to aggressive media should be individually tested for your application. Further details on request.

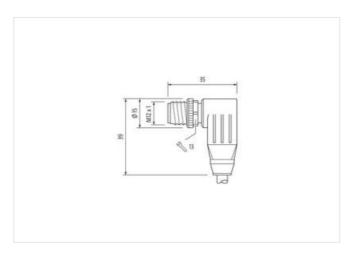
## **Link to Product**

## Illustration





















Cable length

15 m



stay connected

Marring method   Inserted, screwed	Side 1	
MIZ	Tightening torque	0,6 Nm
President	Mounting method	inserted, screwed
December	Family construction form	M12
Midit American   Pulis   Width across files   SW13	Thread	M12 x 1
Width across fals         SW13           Degree or protection (EN IEC 60529)         IPSE, IPSER, IPSE           Sike 2         Strepping length (jacket)         20 mm           Commedia data           SELASS 6.0         27961991           ECLASS 6.1         27060907           ECLASS 7.0         27060907           ECLASS 8.0         27060907           ECLASS 9.0         27060907           ECLASS 11.1         27060907           ECLASS 11.1         27060907           ECLASS 12.0         27060907           ECLASS 11.1         27060907           ECLASS 12.0         27060907 <t< td=""><td>Coding</td><td></td></t<>	Coding	
Degree of protection (EN IEC 60529)	Material	
Side 2           Commercial data         Commercial data           ECLASS-6.0         27061801           ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-9.0         27060307           ECLASS-9.0         27060307           ECLASS-11.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-18.1         27060307           ECLASS-19.0         E0002599           EURASH 1.0         4048079574105           EURASH 1.0         1           EURASH 1.0         1           Electrical data   Supply         Very Commercial Properties of Properties		
Stripping length (lacker)   20 mm	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data           CLASS-6.0         27061801           CLASS-7.0         27060307           CLASS-7.0         27060307           CLASS-8.0         27060307           CLASS-10.1         27060307           CLASS-11.1         27060307           CLASS-11.1         27060307           CLASS-11.1         27060307           CLASS-12.0         27060307           ETIM-5.0         EC002599           STIN         4048879574105           Packaging unit         1           Electrical data   Suppty           Purent operating per contact max.         1,5 A           Industrial communication         Fransfer parameters           Transfer parameters         CAT5, Class D (ISO/IEC 11801.2002), (EN 50173-1)           Salat arasmission rate max.         100 MBt/s           Industrial communication   Ethernet functionality           Stripping length (lacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Midditional condition protection degree         3           Palated surge voltage         1,5 kV           Made surge voltage         1,5 kV           Made surge voltage (Bosée)         1,5 kV <t< td=""><td>Side 2</td><td></td></t<>	Side 2	
CLASS-6.0   27061801   27060907   CLASS-8.0   27060907   CLASS-8.0   27060907   CLASS-8.0   27060907   CLASS-8.0   27060907   CLASS-8.0   27060907   CLASS-9.0   27060907   CLASS-9.0   27060907   CLASS-10.1   27060907   CLASS-11.1   27060907   CLASS-11.1   27060907   CLASS-12.0   CLASS-	Stripping length (jacket)	20 mm
ECLASS-6.1 27060307  ECLASS-7.0 27060307  ECLASS-9.0 27060307  ECLASS-9.0 27060307  ECLASS-9.0 27060307  ECLASS-10.1 27060307  ECLASS-11.1 27060307  ECLASS-12.0 27060307  ECLASS-12.0 27060307  ECLASS-12.0 27060307  ECLASS-12.0 27060307  ECLASS-13.1 27060307  ECLASS-13.1 27060307  ECLASS-14.0 ECO02599  Usustoms tariff umber 85444290  Sarin 4048879574105  Tarkedging unit 1  Electrical data   Supply  Deparating voltage DC max. 60 V  Deparating voltage DC max. 1,5 A  Industrial communication  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Industrial communication   Ethernet functionality  duplex Full duplex  Department of the protection of the protection department of the protection	Commercial data	
ECLASS -7.0   27060307   270603	ECLASS-6.0	27061801
CLASS-8.0   27060307	ECLASS-6.1	27060307
ECLASS-9.0         27060307           CLASS-9.0.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           Dustoms tarlif number         85444290           3TIN         4048879574105           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Durrent operating per contact max.         1,5 A           Industrial communication           Transfer parameters         CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality           dustrial communication   Ethernet functionality           dustrial communication   Ethernet functionality           dustrial georging (acket)         20 mm           Modurning set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Politicion Degree         3           Additional condition protection degree         inserted, screwed           Ontour for corrugated hose         without	ECLASS-7.0	27060307
ECLASS-10.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           sustoms tariff number         85444290           3TIN         404887957105           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Unrent operating per contact max.         1,5 A           Industrial communication           Industrial communication (Supply)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality           Unperating (gaket)           Supply (gaket)           Valid duplex           Installation   Connection           Stripping length (gaket)         20 mm           Moduring get         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Pollution Degree         3           Pollution Degree         3           Pollution (EC 60664-1)	ECLASS-8.0	27060307
ECLASS-1.1.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           sustoms tarff number         85444290           3TIN         4048879574105           ackaging unit         1           Electrical data   Supply           Dorrenting voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Pata transmission rate max.         100 MBI//s           Industrial communication   Ethernet functionality           Upupex         Full duplex           Installation   Connection           Stripping length (lacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         3           Pollution Degree         3           Pale using evoluting dup (IEC 60664-1)         1           Mechanical data         Videchanical data           Cocking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed,	ECLASS-9.0	27060307
ECLASS-12.0         27060307           ETIM-5.0         EC002599           subtoms tariff number         85444290           2TIN         4048879574105           Packaging unit         1           Electrical data   Supply           Deperating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication           Fransfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functional industrial condition protection   Electrical           Stripping length (jacket)         20 mm           Meditional condition protection degree         inserted, screwed           Stripping length (jacket)         20 mm           Meditional condition protection degree         inserted, screwed           Stripping length (jacket)         3           Rated surge voltage         1,5 kV           Valuation protection degree         inserted,	ECLASS-10.1	27060307
ETIM-5.0 EC002599  2015 ton stariff number 85444290  2017 AvaRaging unit 1  Electrical data   Supply  20 parating voltage DC max. 60 V  20 parating voltage DC max. 1,5 A  Industrial communication  Fransfer parameters CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1)  20 parating store the max. 100 MBit/s  Undustrial communication   Ethernet functivality  4 pulpex Full duplex  Industrial communication   Ethernet functivality  4 pulpex Full duplex  Industrial communication   Ethernet functivality  4 pulpex Value   Supply	ECLASS-11.1	27060307
bustoms tariff number         85444290           DaTIN         4048879574105           Packaging unit         1           Electrical data   Supply         Departing voltage DC max.         60 V           Departing per contact max.         1,5 A           Industrial communication         Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality           Upplex         Full duplex           Industrial Connection         Upple (Industrial Connection           Industrial Connection   Electrical         Additional condition protection degree           Industrial condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data <t< td=""><td>ECLASS-12.0</td><td></td></t<>	ECLASS-12.0	
Additional condition protection degree   1.5 kV	ETIM-5.0	
Packaging unit 1  Electrical data   Supply  Derating voltage DC max. 60 V  Derating voltage DC max. 1,5 A  Industrial communication  Fransfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Data transmission rate max. 100 MBIt/s  Industrial communication   Ethernet functionality  Juliplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Depre 3  Palated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Douting fitting incikel plated  Douting locking Nickeled  Douting of fitting incikel plated  Junc die-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	customs tariff number	
Electrical data   Supply  Derating voltage DC max. 60 V  Durrent operating per contact max. 1,5 A  Industrial communication  Fransfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  Upuplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Paled surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating of fitting nickel plated  Locking material Sirve Connection  Zinc die-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection   Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection   Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection   Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection   Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection		
Operating voltage DC max. 1,5 A  Industrial communication  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Data transmission rate max. 100 MBIt/s  Industrial communication   Ethernet functionallity  duplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) 1  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating locking inserted   Zinc die-casting  Material screw connection   Zinc die-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Packaging unit	1
Current operating per contact max. 1,5 A  Industrial communication  Fransfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating locking Nickeled  Coating locking anaterial Zinc die-casting  Metanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Electrical data   Supply	
Industrial communication Fransfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication   Ethernet functionality Buylex Full duylex Installation   Connection Stripping length (jacket) 20 mm Wounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I T  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Contour for corrugated hose without  Mechanical data   Material data   Material data Contour for diffing nickel plated Cocking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection	Operating voltage DC max.	60 V
Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication   Ethernet functionality  duplex Full duplex Installation   Connection  Stripping length (jacket) 20 mm Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Methanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection	Current operating per contact max.	1,5 A
Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  druplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material corrugated would inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Industrial communication	
Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  druplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material corrugated would inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Jackel plate	Data transmission rate max.	
Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Jackel plate	Industrial communication   Ethernet fur	ctionality
Installation   Connection Stripping length (jacket) 20 mm Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Contour for corrugated hose without  Mechanical data   Material data Contour for fitting nickel plated Coating locking Nickeled Coating locking nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection	·	•
Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	•	i dii dupiex
Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Meterial screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection		
Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Coating material zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	11 0 0 0 7	
Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated Coating material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Coating material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Device protection   Electrical	
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Cocking material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Cocking material Zinc die-casting Methanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Pollution Degree	3
Mechanical data Contour for corrugated hose without  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Cocking material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Rated surge voltage	1,5 kV
Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Atterial screw connection  Mechanical data   Mounting data Mounting method  without  without  without  without  without  without  Nickeled  Nickeled  Zoating of fitting nickel plated  Zinc die-casting  Mechanical data   Mounting data  wounting method  inserted, screwed, Shaking protection	Material group (IEC 60664-1)	I
Mechanical data   Material data  Coating locking  Nickeled  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	Mechanical data	
Coating locking  Nickeled Coating of fitting nickel plated Cocking material Cocking material  Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Contour for corrugated hose	without
Coating locking  Nickeled Coating of fitting nickel plated Cocking material Cocking material  Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	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		Nickeled
Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection		
Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Locking material	·
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Material screw connection	
Mounting method inserted, screwed, Shaking protection	Mechanical data   Mounting data	
		inserted screwed Shaking protection
Environmental characteristics   Climatic		
	Environmental characteristics   Climation	



stay connected

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 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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	794
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	white, yellow, blue, orange
Cable weigth	75,87 g/m
Material jacket	PUR
Shore hardness jacket	89 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6.7 mm
• ,	± 5 %
Tolerance outer diameter (sheath)	FRNC
Material inner jacket	
Color (inner jacket)	white
Material wire insulation	PE .
Amount wires	4
Outer diameter insulation	1,55 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	65 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 %
Electrical resistance line constant wire	55 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing

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: 2024-05-05



Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter