

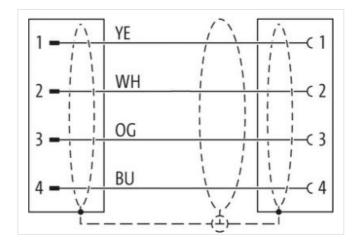
M12 male 0° / M12 female 0° D-cod. shielded

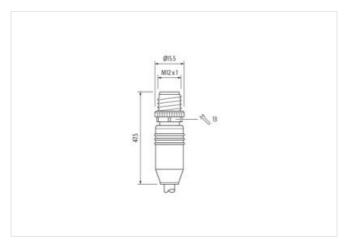
PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 2.8m

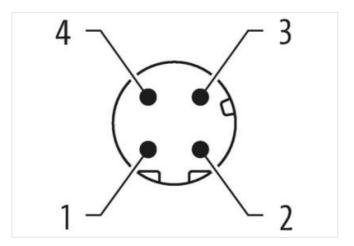
Product fulfills requirements according to UN/ECE R118 Ethernet CAT5 Male straight – female straight M12 – M12, 4-pole D-coded shielded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



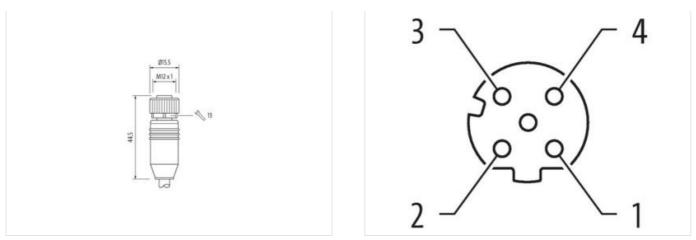






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-29





Product may differ from Image



Cable length	2,8 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Family construction form	M12	
Thread	M12 x 1	
Cable outlet	straight	
Coding	D	
Vaterial	PUR	
No. of poles	4	
Width across flats	SW13	
Side 2		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Family construction form	M12	
Thread	M12 x 1	
Cable outlet	straight	
Coding	D	
Material	PUR	
No. of poles	4	
Width across flats	SW13	
Commercial data		
ECLASS-6.0	27061801	
ECLASS-6.1	27060307	
ECLASS-7.0	27060307	
ECLASS-8.0	27060307	
ECLASS-9.0	27060307	
ECLASS-10.1	27060307	
ECLASS-11.1	27060307	
ECLASS-12.0	27060307	
ETIM-5.0	EC002599	
customs tariff number	85444290	
GTIN	4048879561006	

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: 2024-04-29



Electrical data Supply Operating yeo Cinac. 90 V Current operating yeo contact max. 1,5 A Industrial communication Industrial communication Transfor parameters CATS. Class D (ISO/IEC 11801 2002), (EN 50173-1) Data transmission rate max. 100 MBUs Industrial communication [Electrical Industrial communication [Electrical Device protection [Electrical Industrial communication (Electrical) Device protection [FICE CR052] IPS. IPS7, IP66K Additional condition protection degree insented, screwed Pollution Degree 3 Ratel sing voltigo 1.5 KV Material group (IEC 60664-1) 1 Industrial communication [Electrical Industrial communication [Electrical Contror for compated hores without Material group (IEC 60664-1) 1 Industrial Communication [Electrical Industrial Communication [Electrical Contror for compated hores without Material group (IEC 60664-1) 1 Industrial Communication [Electrical Industrial Communication [Electrical Contror fore compated hores industrial Commate compaterit	Packaging unit	1
Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 118012002), (EN 50173-1) Data transmission rate max. 100 MBHs Industrial communication [Ethernton=United transmission rate max. Fold upplox Device protection [Etectrical Fold upplox Device protection protection degree inserted, screwed Pullution Degree 3 Rated supe voltage 1,5 kV Material group (Ec 60684-1) 1 Industrial data Contour for corrupated hose Contour for corrupated hose without Mechanical data Vincule Contour for corrupated hose without Mechanical data [Material data] Contour for corrupated hose Contour for corrupated hose without Mechanical data [Material data] Contour for corrupated hose Contouring temperature max. 85 °C Contouring temperature max. 85 °C Contouring temperature max. 85 °C Contouring temperature max.		
Current operating per cented max. 1,5 A Industrial communication Industrial communications Transfer parameters CA5. Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication [Ethernet functionality Industrial communication [Ethernet functionality Davice protection [Ethics] Full duplex Full duplex Device protection [Ethics] IP65, IP67, IP66K Additional condition protection degree 3 Rated surge voltage 1,5 kV Material group (IEC 6068-1) 1 Mechanical data Contor for corrupate hose Material group (IEC 6068-1) 1 Mechanical data Jacrel device voltage 3 Transfer parameters Contor for corrupate hose without Mechanical data Material group (IEC 6068-1) 1 Mechanical data Jounting method inserted, screwed, Shaking protection Transfer parameters Mounting method inserted, screwed, Shaking protection Transfer parameters Transfer parameters Operating temperature max. 85 °C Conditional data Conditional data Mouning method Mouning m		
Industrial communication CATS. Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MB/l/s Industrial communication J Etherot Internet Inter	· · · ·	
Tansfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBU's Industrial communication J Ethernet functionality Industrial communication J Ethernet functionality duplex Full duplex Full duplex Device protection I Electrical Industrial communication protection degree Inserted, screwed Dublian Degree 3 Relational condition protection degree Inserted, screwed Dublian Degree 3 Relational condition protection degree Inserted, screwed Dublian Degree 3 Relational condition protection degree Inserted, screwed Contror for corrugate hose without Inserted, screwed Relational condition protection degree Inserted, screwed, Shaking protection Mechanical data Material data Inserted, screwed, Shaking protection Inserted, screwed, Shaking protection Environmential charceteristics Climatic So ⁺ C Conditional condition temperature max. So ⁺ C Operating temperature min. 25 S ⁺ C Commential condition temperature max. So ⁺ C Additional condition temperature max. So ⁺ C Conding (Inserted, screwed, Shaking protection		1,5 A
Data transmission rato max. 100 MBI/s industrial communication Ethernet functionality duplex Full duplex Device protection [Electrical Degree of protection (Electrical Degree of protection (Electrical Degree of protection (Electrical Degree of protection (Electrical Beade surge voltage 3 Related surge voltage 1.5 kV Material group (EC 60664-1) 1 Mechanical data Mechanical data Contour for corrugate hose without Mechanical data [Material data Zinc dise-casting Mechanical data [Mounting data Inserted, screwed, Shaking protection Mounting method iserted, screwed, Shaking protection Operating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Costing temperature max. 85 °C Costing temperature max. 85 °C Additional condition temperature range depending on cable quality Costing temperature max. 85 °C Costing temperature max. <td>Industrial communication</td> <td></td>	Industrial communication	
Industrial communication Ethernet functional protection Electrical Despres of protection Electrical Despres of protection Electrical Despres of protection protection degree IPB65, IPB67, IPB68K Additional condition protection degree IPB64, IPB68K Additional condition protection degree IPB61, IPB67, IPB68K Additional condition protection degree IPB64, IPB68K Material group (IRC 60684+1) I Mechanical data Imbody Imbody Contour for corrugated hose without Imbody Contour for corrugated hose Wickeled Imbody Imbody Contour for corrugated hose Wickeled Imbody Imbody Imbody Imbody Contour for corrugated hose Vickeled Imbody	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
dopkx Full duplex Degree of protection (Electrical Pess, IPS, IPS, IPS, IPS, IPS, IPS, IPS, IPS	Data transmission rate max.	100 MBit/s
Device protection [Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60686-1) I Mechanical data without Contrur for corrugated hose without Mechanical data Uncell Contrur for corrugated hose without Mechanical data Inserted, screwed, Shaking protection Mechanical data [Material data Zinc die casting Mechanical data [Mounting data Inserted, screwed, Shaking protection Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. Operating temperature max. 85 °C Additional condition temperature max.	Industrial communication Ethernet function	onality
Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree isserted, screwed Pollution Degree 3 Rated surge voltape 1, 5 kV Material group (IEC 60664-1) 1 Mechanical data without Mechanical data [Material group (IEC 60664-1) 1 Mechanical data [Material data without Contor for corrugated hose without Mechanical data [Material data Zinc die-casting Costing locking Nickeled Locking material Zinc die-casting Mechanical data [Mounting data inserted, screwed, Shaking protection Environmental characteristics [Climatic Concomity Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Concomity Environmental characteristics [Climatic Coloi Conflication 796 Cable identification 796 Cable identification 1 Stranding 4 wires around Core filter twisted <	duplex	Full duplex
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (UEG 60664-1) 1 Mechanical data	Device protection Electrical	
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 Mechanical data Material data Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Coerting temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 796 Jacket Color green Type of Cartificate cURus Amount stranding 1 Stranding 1 Stranding 1 Stranding 1 Stranding 1 Stranding 1 Stranding 1 Stranding <	Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Rated surge voltage 1.5 kV Material group (IEC 60664-1) 1 Mechanical data Contor for corrugated hose without Mechanical data Material data Coating locking Nickeled Locking matrial Znc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable color green Type of Carlificate cUPus S Anount stranding 1 Stranding 4 vies around Core filler twisted Cable shielding (type) copper briad, timed Cable shielding (type) copper briad, timed Cable shielding (type) copper briad, timed Cable shielding (type) Standing Rate strangement white,	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) I Mechanical data Vithout Mechanical data Without Mechanical data Meterial data Vickeled Coating locking Nickeled Locking material 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 Coformity Vertext and ard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 796 Vertext and ard Quere of the screwed, time depending on cable quality Cable clor green Type of Carificate CURus Anount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, timed Cable scielding (type) Copper braid, timed Cable shielding (coverage) 85 % Banding Filece, Foil Filer Filer yes yes Nick yellow, blue, orange Nick ye	Pollution Degree	3
Mechanical data Contour for corrugated hose without Mechanical data Meterial data Inckeled Coating looking Nickeled Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. QS °C Operating temperature max. Additional condition temperature range depending on cable quality Conformity Inserted, Screwed, Shaking protection Product standard DIN EN 61076-2-101 (M12) Installion Cable green Zaket Colo green Type of Certificate cURus Anount stranding 1 Stranding (type) copper braid, timed Cable shielding (type) copper braid, timed Cable shielding (type) S5 % Banding Fleece, Foil Filer yes wite arangement white, yellow, blue, orange No. of berding cycles (C-track) Shio, @ 25 °C Cable weighthore S93 g/m	Rated surge voltage	1,5 kV
Contour for corrugated hose without Mechanical data Material data Nickeled Coating locking Nickeled Locking material 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 max. 85 °C Additional condition temperature may. depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 796 Installation Cable Installation Cable Stranding 1 Screen Installation Cable Installation Cable	Material group (IEC 60664-1)	1
Mechanical data Mickeled Coating locking Nickeled Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature min. -25 °C	Mechanical data	
Mechanical data Mickeled Coating locking Nickeled Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature min. -25 °C	Contour for corrugated hose	without
Coating locking Nickeled Locking material Zinc cie-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Inserted, screwed, Shaking protection Environmental characteristics Climatic Sincerity Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable dentification 796 Jacket Color green Type of Certificate CURus Annount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fileeee, Foil Filler yes writer arangement white, yellow, blue, orange No. of bending cycles (C-track) 3 Mio. @ 25 °C	-	
Locking material 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 Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 796 Jacket Color green Type of Certificate cURus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange No. of bending cycles (C-track) 3 Mio. @ 25 °C Cable weigth 69.3 g/m	•	Nickolod
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 Conformity Product standard DIN EN 61076-2·101 (M12) Installation Cable Cable identification 796 Jacket Color green Type of Certificate cURus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange No. of bending cycles (C-track) 3 Mio. @ 25 °C Cable weigth 69,3 yrm		
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)Installation CableCable identification796Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m	-	
Privince mental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)Installation CableCable identification796Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m		inserted screwed Shaking protection
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityInstallation CableProduct standardDIN EN 61076-2-101 (M12)Installation Cable796Cable identification796Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m	-	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Installation Cable Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 796 Jacket Color green Cull Rus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned S% Small Banding Fleece, Foil Fleece, Foil S% Filler yes wire arrangement white, yellow, blue, orange No. of bending cycles (C-track) 3 Mio. @ 25 °C Cable weigth 69,3 g/m Small Small Small Small	· · · ·	
Additional condition temperature range depending on cable quality Conformity International condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 796 Gable identification 796 Cable identification green Type of Certificate cURus Culture Cable identification 9 Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (type) copper braid, tinned S% Sanding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange No. of bending cycles (C-track) 3 Mio. @ 25 °C Cable weigth 69,3 g/m Gable weigth 69,3 g/m	· · · ·	
ConformityProduct standardDIN EN 61076-2-101 (M12)Installation CableCable identification796Cable identificationgreenJacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m		
Product standardDIN EN 61076-2-101 (M12)Installation CableCable identification796Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m		depending on cable quality
Installation CableCable identification796Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m	Conformity	
Cable identification796Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m	Product standard	DIN EN 61076-2-101 (M12)
Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m	Installation Cable	
Type of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m	Cable identification	796
Amount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m	Jacket Color	green
Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m	Type of Certificate	cURus
Cable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m	Amount stranding	1
Cable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m	Stranding	4 wires around Core filler twisted
Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange No. of bending cycles (C-track) 3 Mio. @ 25 °C Cable weigth 69,3 g/m	Cable shielding (type)	copper braid, tinned
Filler yes wire arrangement white, yellow, blue, orange No. of bending cycles (C-track) 3 Mio. @ 25 °C Cable weigth 69,3 g/m	Cable shielding (coverage)	85 %
wire arrangementwhite, yellow, blue, orangeNo. of bending cycles (C-track)3 Mio. @ 25 °CCable weigth69,3 g/m	Banding	Fleece, Foil
No. of bending cycles (C-track) 3 Mio. @ 25 °C Cable weigth 69,3 g/m	Filler	yes
Cable weigth 69,3 g/m	wire arrangement	white, yellow, blue, orange
	No. of bending cycles (C-track)	3 Mio. @ 25 °C
	Cable weigth	69,3 g/m
Material jacket PUR	Material jacket	
Shore hardness jacket 89 Shore A		
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket) 6,7 mm		
Tolerance outer diameter (sheath)± 5 %		
	Material inner jacket	FRNC
Color (inner jacket) natur		
Material wire insulation PE		
Amount wires 4	Amount wires	4

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: 2024-04-29



Outer diameter insulation	1,4 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
Traversing distance (C-track)	5 m @ 25 °C
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Electrical resistance line constant wire	55 Ω/km @ 20 °C
Loop resistance	5000 MΩ × km
Nominal voltage power AC max.	300 V
Electrical capacity line constant (wire - wire) (power)	50000 pF/km
AC withstand voltage power (wire - shield)	2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 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)	12 x Outer diameter
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m

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: 2024-04-29