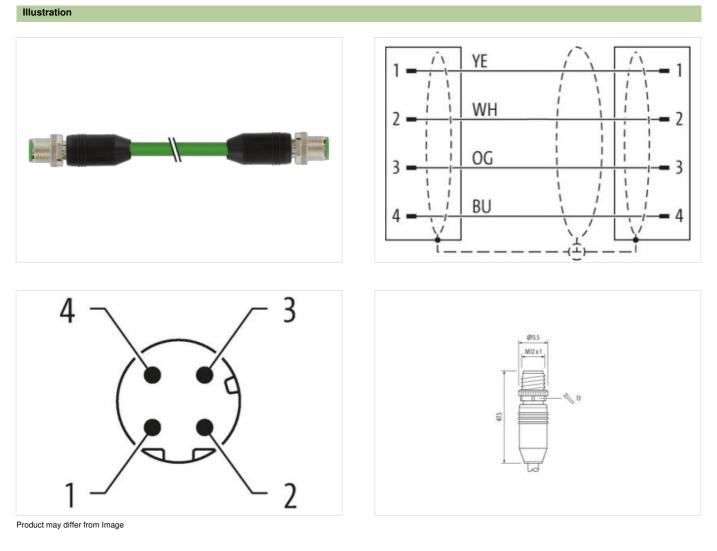


M12 male 0° / M12 male 0° D-cod. shielded

PUR 1x4xAWG22 shielded gn UL/CSA 10m

Ethernet CAT5e Transmission properties with channel transmission up to 100 m Male straight – male 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





Cable length

10 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: 2024-05-18



Side 1

Side 1	
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
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
Cable outlet	straight
Coding	D
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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 ETIM-5.0	27060307
	EC002599 85444290
customs tariff number GTIN	4048879328074
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication Ethernet fu	nctionality
duplex	Full duplex
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 60664-1)	1
Mechanical data	
Contour for corrugated hose	without
mation in this Product-PDF has been compiled with	

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: 2024-05-18



Mechanical data | Material data

Caching lockingNokeledLorking methodIncerted, screwed, Shaking protectionEnvironmethal characteristics ClimateOperating interpretative min25 °COperating interpretative min.85 °CAdditional controls interpretative man.85 °CAdditional controls interpretative man.85 °CAdditional controls interpretative man.85 °CNote on stain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable less.Note on stain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable less.Note on stain reliefDIN EN 51076 2·101 (M12)Instation I CableInstation CableCable instatification794Jacket ColorgreenType of ControlingURUsAdmonal controling1Standing1Standing(spering from weight)Adab shelding (townage)85 %BardingPloces, FollFilieryesWite arrangementWite, yellow, blue, connegeAdab shelding (townage)85 %Cable weight76 % forAdaterial jacketPURStrond (townage)85 % NoCable weight76 % forMaterial jacket91 %Color muterial weight76 % forMaterial jacket92 % NoColor muterial weight76 % forMaterial jacket92 % NoColor muterial weight85 % NoColor muterial weight76 % for </th <th>Mechanical data Material data</th> <th></th>	Mechanical data Material data	
Beckninical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Comparing interpretature min. 25 °C Operating interpretature min. 25 °C Additional condition temperature may depending on cable quality Important initiation notes Environmental characteristics of the connectors by suitable measures from mechanical loads. e.g. by the usage of cable des. Note on strain roll Protect the connectors by suitable measures from mechanical loads. e.g. by the usage of cable des. Conternity Environ: Observe the permissible bending forces. Product standard DIN EN 61076 2 101 (M12) Extendion: Genernity Cable identification 794 Jacket Color green Type of Curificate CPRus Cable identification 1 Standing 4 wires strond Filler twisted Cable shielding (type) cooper braid, finned Cable shielding (coverage) 85 % Barding Pues Wire arrangement white, yellow, blue, orange Cable shielding (type) So % The Thermission forces. Cable dentification FRE<	Coating locking	Nickeled
Mounting method inserted, screwed, Shaking protection Environmental characteristics (Climatic Operating temperature min. 25 °C Operating temperature max. 26 °C Common constitute temperature may depending on cable quality Important Installation notes Environmental constitute temperature may Note on starin relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fee. Note on bending radius Attention: Observe the pormissible bending radii when laying cables, as the IP protection claas can be advected by excessive bending for dei, set the IP protection claas can be definition on green Product Standard Div EN 01076 2-101 (M12) Table identification 794 Jackot Color green Type of Cartification 1 Stranding 4 wires around Filler Ivisitad Cable identification 1 Stranding (type) cooper braid, finned Cable identification 94 Stranding (type) cooper braid, finned Cable identification 95 % Banding Flees, Foil Filler yes Oper Traid, Finned 25 % </td <td>Locking material</td> <td>Zinc die-casting</td>	Locking material	Zinc die-casting
Environmental characteristics Climatto Operating temperature min. 28 °C Operating temperature maye 85 °C Additional condition temperature mage depending on cable quality Importan 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 protoction class can be endangered by accessive bending forces. Conformity 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 protoction class can be endangered by accessive bending forces. Conformity Protect standard DIN EN 61076-2-101 (M12) Installation Cable Cable defitication 744 Jackel Colon green Type of Cartificate OURsis Amount stranding 1 Stranding 4 wires around Filter twested Cable shielding (coverage) 85 % Banding Fileer ys Weise around Filter twested Cable shielding (coverage) Cable shielding (coverage)	Mechanical data Mounting data	
Environmental characteristics Climatto Operating temperature min. 28 °C Operating temperature maye 85 °C Additional condition temperature mage depending on cable quality Importan 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 protoction class can be endangered by accessive bending forces. Conformity 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 protoction class can be endangered by accessive bending forces. Conformity Protect standard DIN EN 61076-2-101 (M12) Installation Cable Cable defitication 744 Jackel Colon green Type of Cartificate OURsis Amount stranding 1 Stranding 4 wires around Filter twested Cable shielding (coverage) 85 % Banding Fileer ys Weise around Filter twested Cable shielding (coverage) Cable shielding (coverage)		inserted, screwed, Shaking protection
Operating temperature min. -25 °C Operating temperature max. B5 °C Additional condition temperature range depending on cable quality Important insibiliation notes Attention: Observo the permissible bending radii when laying cables, e.g. by the usage of cable files. Note on bending radius Attention: Observo the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Concrnity Protect landard Product standard DIN EN 61076-2:101 (M12) Basialization Cabbe Cable observation (M12) Cable identification 794 Jacket Coor green Type of Centricate URIs Amount stranding 1 Stranding 4 wires around Filer twisted Cable shelding (rope) copper braid, timed Cable shelding (rope) copper braid, timed Cable shelding (rowarge) 85 % Banding Filer cadd Virile shelding (rowarge) 85 % Banding Filer cadd Virile shelding (rowarge) 85 % Cable shelding (rowarge) 85 % <	-	
Operating temperature max. 85 °C Additional condition temperature maye depending on cable quality Important installation notes Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radus Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending tradii. Cable charification 794 Jacket Color green Type of Certificate cJRue Annount stranding 1 Stranding 4 wires around Filter twisted Cable shielding (type) copper braid, tinned Cable shielding (type) copper		25 °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 lies. Note on brinding radus Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ondangered by excessive bending forces. Contornity Product standard DIN EN 61076-2-101 (M12) Installation (Cable Cable identification 794 Cable identification 794 Cable identification Type of Cartificate CUPus Cable cable identification Amount stranding 1 Stranding Stranding Cable shielding (coverage) 85 % Banding File Gable shielding (coverage) 85 % Stranding Stranding Filer yes Yes Cable shielding (coverage) 85 % Banding Files, yes Stranding Stranding Stranding Filer yes Yes Stranding		
Important installation notes Note on strain rollef Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on bending radius Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endingered by successive bending forces. Conformity Product Standard Product Standard DIN EN 61076-2-101 (M12) Installation (Cable Cable clantification Jacket Color green Type of Certificate CURus Amount stranding 1 Stranding 4 wires around Filler twisted Cable strictification 55 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weight 75.87 g/m Material jacket PUR Shore hardmess jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Cable weight 75.87 g/m Material jacket 9 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
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 parmissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces. Contornity Product standard DIN EN 61076-2-101 (M12) Installation [Cable Contomity Product standard Other Standard Cable identification 794 Jacket Color green Type of Certificate cURus Amount strainding 1 Stranding 4 wires around Filler broisted Cable identification 65% Banding file copper braid, timed Cable shielding (type) copper braid, timed Cable shielding (type) copper braid, timed Cable shielding (type) copper braid, timed Cable shielding (type) copper braid, timed Cable shielding (type) copper braid, timed Treadmare yelsxy yelsxy yelsxy copper braid, timed Cable shielding (type) copper braid, timed Sixemanian genesation copper braid, timed Cable shielding (type) soft soft <td></td> <td>depending on cable quality</td>		depending on cable quality
Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangeed by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Component of the standard DIN EN 61076-2-101 (M12) Installation Cable Component of the standard Class is distributed in the standard Zacket Color green Type of Cartficate CURus Amount stranding 1 Stranding Component of the strate and the st	Important installation notes	
Note of bolding radiusendangered by excessive bending forces.ContornityProduct standardDIN EN 61076-2-101 (M12)Installation (Cable)Cable identification794Cable identification794Jacket ColorgreenType of CertificateculPlusAmount stranding1Stranding4 wires around Filler twistedCable shielding (type)copper braid, timedCable shielding (coverage)88 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable shielding (type)58,87 g/mCabler shielding (tacket)B9 Shore AFreedom from ingredients (tacket)69 Shore AFreedom from ingredients (tacket)6.7 smColar-adiabetic (tacket)6.7 smColar-adiabetic (tacket)5 %Material jacketFINCColar-adiabetic (tacket)1.5 SmOuter-diameter (tacket)1.5 SmOuter diameter (tacket)2.5 %Shore hardness wire insulation1.5 SmOuter diameter (tacket)2.5 %Cable weight7.7Diametor of single wires2.5 %Cable weight7.8 TarmetoDiametor of single wires2.5 %Color (tarmet insulation1.5 SmOuter diameter (tacket)2.5 % <td>Note on strain relief</td> <td></td>	Note on strain relief	
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 arangement while, yellow, blue, orange Cable weigth 75,87 gim Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material jacket FRNC Color (inner jacket) white Material iner jisokt FSNm Culer diameter isulation 1,55 mm Culer diameter isulation 1,55 mm Culer diameter isulation 5 % Shore hardness wire insulation 5 % Shore hardneses wire insulation 1,55 mm	Note on bending radius	
Installation Cable Cable identification 794 Jacket Color green Type of Certificate cURus Amount stranding 1 Stranding 4 wires around Filler twisted Cable shielding (type) coper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weigh 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 Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNO Color (inner jacket) white Material inner jacket FRNO Color (inner jacket) # 4 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation # 55 froe D Ingredient freneness wire insulation # 5 froe	Conformity	
Cable identification794Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Filler twistedCable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFilecce, FoilFilleryeswire arrangementwhile, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)6,7 mmTolerance outer diameter (jacket)6,7 mmTolerance outer diameter (sheath) $\pm 5 \%$ Material jacketFRNCColor (inner jacket)whiteMaterial jacket9EAmount wires4Quter diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket) $\pm 5 \%$ Material inner jacketFRNCColor (inner insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Outer diameter tolerance score insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Diameter of single wires22 AWGConductor wireStanded copper wire, bareNomant strands (wire)7Diameter	Product standard	DIN EN 61076-2-101 (M12)
Cable identification794Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Filler twistedCable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFilecce, FoilFilleryeswire arrangementwhile, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)6,7 mmTolerance outer diameter (jacket)6,7 mmTolerance outer diameter (sheath) $\pm 5 \%$ Material jacketFRNCColor (inner jacket)whiteMaterial jacket9EAmount wires4Quter diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket) $\pm 5 \%$ Material inner jacketFRNCColor (inner insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Outer diameter tolerance score insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Diameter of single wires22 AWGConductor wireStanded copper wire, bareNomant strands (wire)7Diameter	Installation Cable	
Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arangementwhite, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)iead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEArount wires4Outer diameter insulation1,55 mmOuter diameter insulation1,55 mmOuter diameter insulation1,55 mmOuter diameter insulation1,55 mmOuter diameter insulation6 Shore DIngredient treeness wire insulation16 Shore DIngredient freeness wire insulation16 Shore DIngredient freeness wire insulation22 AWGConductor oriseschion (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent toad capacity (standard)to DIN VDE 0298-4Current toad capacity (standard)to DIN VDE 0298-4Current toad capacity (standard)to DIN VDE 0298-4Current toad capacity (stand		794
Type of CertificateCURusAmount stranding1Stranding4 wires around Filler twistedCable shielding (type)copper braid, tinnedCable shielding (type)85 %BandingFilesce, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weight75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath) \pm 5 %Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter insulation1,55 mmOuter diameter insulation65 Shore DIngredient freeness wire insulation65 Shore DIngredient freeness wire insulation65 Shore DIngredient freeness wire insulation1,25 mmOuter diameter of single wires22 AWGConductor crossection (wire)22 AWGMaterial vineling wires22 AWGMaterial vineling wires22 AWGConductor vineStranded copper wire, bareNominal voltage AG max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8ACharacteristic impedance100 Ω ± 15 %		
Amount stranding1Stranding4 wires around Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth75.87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-tree, cadmium-free, CFC-tree, halogen-free, silicone-freeOuter-diameter (jacket)6.7 mmTolerance outer diameter (sheath) \pm 5 %Material wire insulationPEAmount wires4Outer diameter insulation1.55 mmOuter diameter tolerance or insulation1.55 mmOuter diameter insulation6.5 Shore DIngredient freeness wire insulation6.5 Shore DIngredient freeness wire insulation6.5 Shore DIngredient freeness wire insulation1.25 MMAmount strands (wire)7Diameter of single wires22 AWGConductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298.4Current load capacity (standard)to DIN VDE 0298.4Current load capacity min. wire4.5 %		-
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 Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) white Material wire insulation PE Arount wires 4 Outer diameter (learence core insulation 1.55 mm Outer diameter insulation 1.52 mm Outer diameter insulation 1.52 mm <t< td=""><td></td><td></td></t<>		
Cable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswrie arrangementwhite, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket) $6,7$ mmTolerance outer diameter (sheath) $\pm 5 %$ Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 55 Shore DIngredient freeness wire insulation 65 Shore DIngredient freeness wire insulation 65 Shore DIngredient freeness wire insulation 65 Shore DIngredient freeness wire insulation 22 AWGConductor orsssection (wire) 22 AWGConductor wireStranded copper wire, bareNominal voltage AC max. $300 V$ Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $4,8 A$ Characteristic impedance100 $\Omega \pm 15 \%$		
Cable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath) \pm 5 %Material joner jacketFRNCColor (inner jacket)whiteMaterial inner jacketFRNCColor (inner insulationPEAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation1.55 mmOuter diameter tolerance core insulation \pm 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulation \pm 5 %Shore hardness wire insulation \pm 5 %Mount strands (wire)7Diameter of single wires22 AWGConductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent toad capacity (standard)to IN VDE 0298-4Current toad capacity (standard)to IN VDE 15 %		
BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath) \pm 5 %Material inner jacketFRNCColor (inner jacket)whiteMaterial vire insulationPEAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation \pm 5 %Color (inner jacket) \pm 5 %Material wire insulationPEAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation \pm 5 %Shore hardness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor wireStranded coper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (min. wire4.8 ACharacteristic impedance100 \pm 15 %		
Filleryeswire arrangementwhite, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 nmTolerance outer diameter (sheath) \pm 5 %Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation1,55 mmOuter diameter tolerance core insulation65 Shore DIngredient freeness wire insulation165 Shore DIngredient freeness wire insulation1ead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor orxssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareMaterial conductor wireStranded copper wire, bareCourrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 $\Omega \pm$ 15 %		
write arrangementwrite, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath) \pm 5 %Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation1,55 mmOuter diameter tolerance core insulation \pm 5 %Shore hardness wire insulation \pm 5 %Ingredient freeness wire insulation \pm 5 %Ingredient freeness wire insulation \pm 5 %Mount strands (wire)7Diameter of single wires22 AWGConductor orssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (in medar)to DIN 25 %		
Cable weight75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath) $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Shore hardness wire insulation $b S hore D$ Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $4,8 A$ Characteristic impedance100 $\Omega \pm 15 \%$	-	
Material jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket) $6,7 mm$ Tolerance outer diameter (sheath) $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 2 \%$ Ingredient freeness wire insulation $\pm 2 \%$ Shore hardness wire insulation $\pm 2 \%$ Shore hardness wire insulation $\pm 2 \%$ Ingredient freeness wire insulation $\pm 2 \%$ Diameter of single wires $22 AWG$ Conductor crossection (wire) $22 AWG$ Material conductor wireStranded copper wire, bareNominal voltage AC max. $300 V$ Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $4,8 A$ Characteristic impedance $100 \Omega \pm 15 \%$		
Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) white Material wire insulation PE Amount wires 4 Outer diameter tolerance core insulation 1,55 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 65 Shore D Ingredient freeness 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 crossesection (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 %		
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket) 6.7 mm Tolerance outer diameter (sheath) $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor orosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $4.8 A$ Characteristic impedance $100 \Omega \pm 15 \%$		
Outer-diameter (jacket) $6,7 \text{ mm}$ Tolerance outer diameter (sheath) $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter insulation $1,55 \text{ mm}$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $4,8 A$ Characteristic impedance100 $\Omega \pm 15 \%$		
Tolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter insulation1,55 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 Ω ± 15 %		
Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter insulation1,55 mmOuter diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 $\Omega \pm 15 \%$		
Color (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter insulation1,55 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 Ω ± 15 %	,	
Material wire insulationPEAmount wires4Outer diameter insulation1,55 mmOuter diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 $\Omega \pm 15 \%$	· · · · · · · · · · · · · · · · · · ·	
Amount wires4Outer diameter insulation1,55 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 Ω ± 15 %		
Outer diameter insulation $1,55 \text{ mm}$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wireStranded copper wire, bareNominal voltage AC max. 300 V Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $4,8 \text{ A}$ Characteristic impedance $100 \Omega \pm 15 \%$		
Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 $\Omega \pm 15 \%$		
Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 Ω ± 15 %		
Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 Ω ± 15 %		
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 %		
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 %		
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 %	. ,	
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 %		
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 %	. ,	
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 %		
Current load capacity min. wire $4,8$ ACharacteristic impedance $100 \Omega \pm 15 \%$		
Characteristic impedance100 $\Omega \pm 15 \%$		
Electrical resistance line constant wire 55 12/Km @ 20 °C		
AC withstand voltage (wire - wire) 2 kV @ 60 s	- · · ·	-
Electrical capacity line constant (wire - wire) 52000 pF/km		52000 pF/KM
Power frequency withstand voltage (wire - 2 kV @ 60 s		2 kV @ 60 s

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: 2024-05-18



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
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

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: 2024-05-18