

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

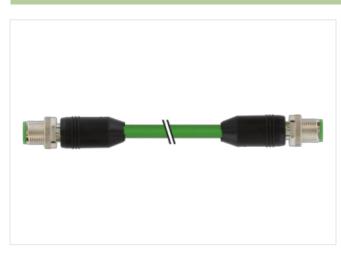
PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 20m

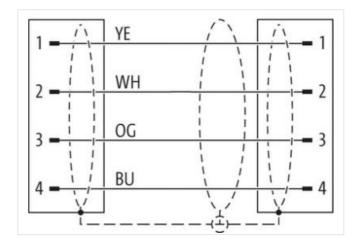
Product fulfills requirements according to UN/ECE R118 Ethernet CAT5

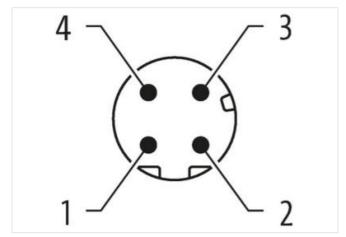
Male straight – male straight M12 – M12, 4-pole D-coded shielded without cable sleeves Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

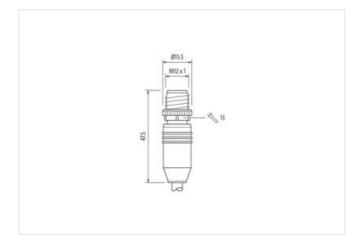
Link to Product

Illustration









Product may differ from Image

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-25



EtherNet/IP

Ether CAT.





Cable length	20 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
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
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	4048879514484
Packaging unit	1
Electrical data Supply	
Operating 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)
Data transmission rate max.	100 MBit/s
Industrial communication Ethernet for	unctionality
duplex	Full duplex

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-25



Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69,3 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)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation1.4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1.6 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Degree of protection (EN IEC 60529)	IP67
Pallaton Degree 9 Palaton Surger voltage 1.5 kV Machanizat draus (EC 6064-1) 1 Machanizat data Control the comorginated here Control the comorginated here without Machanizat data Control the comorginated here Control the comorginated here without Machanizat data Machanizat data Machanizat data Machanizat d	Additional condition protection degree	inserted. screwed
Plands upps voltage 1.5 kV Material group (IEC 60864-1) I Machanical data Voltage Contour for corrugated hose without Machanical data [Material data Voltage Contain [ooking Nickeled Material rouxing PUR Locking matching Zinc die-casting Machanical data [Mounting data Machanical data [Mounting data Mounting method inserted, accence Environmental characteristics [Climatic 25° C Operating temperature min. -25° C Operating temperature max. 85° C Adsolution contific temperature range depending on cable quality Important installation notes Material: Observe the permissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces. Contornity Environmental characterial class can be endargered by excessive bending forces. Cable datefication 786 Cable datefication <td></td> <td></td>		
Material group (FEC 60064-1) I Machanical data		
Mechanical disa Whot Contour to comugated hose Whot Mechanical disa [Metrial data Whot Conting locking Nickeled Material housing PUP Locking material Zine do caling Mechanical disa [Meuring data Zine do caling Mechanical disa [Meuring data Zine do caling Developmental characteristics [Climitsic Pure Developmental characteristics [Climitsic Berlopmental characteristics [Climitsic Developmental characteristics [Climitsic Berlopmental characteristics [Climitsic Important instilation notes Berlopmentasics [Climitsics and Berlopmentation and		
Contour for corrugated hose without Machanical datal [Material data] Coating locking Nicked Metarial housing PLR Coating locking Nicked Mechanical data [Mounting data] Zinc die-casting Mounting method insorted, screwed, Shaking protoction Environmental characteristics [Climate] Cooperating timperature max. Operating timperature max. 25 °C Note on themperature max. 25 °C Note on themperature max. 25 °C Note on themperature max. 25 °C Contornity Environmetal Characteristics [Climate Environmetal Characteristics [Climate Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess. Note on shara neeled Note of the Nonectors by suitable measures from mechanical loads, e.g. by the usage of cable tess. Extentinstallitin contors Stention Characteris by suit	0 1 ()	·
Mechanical in Material data Nickeled Conting locking PLB Locking material Zinc die casting Mechanical data [Mounting data Inserted, screwed, Shaking protection Environmental characteriatics [Climatic Die strain generature max. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on a train relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on a train relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on a strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on a strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on a strain relief Diverset the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Straining Attention: Observe the permissible bonding radii when laving cables, sa the IP protection class can be chargered by suitable measures from mechanical loads. Contornity Wite arangem		
Caling locking Nickeled Material nousing PUR Cocking material Zine die-casting Machanical data Mounting data inserted, screwed, Shaking prolocion Environmental characterialities Climatie Operating temperature max. 25 ° C Operating temperature max. 25 ° C Operating temperature max. 25 ° C Operating temperature max. 25 ° C Operating temperature max. 25 ° C Notion temperature max. 25 ° C Operating temperature max. 25 ° C Notion temperature max. 25 ° C Operating temperature max. 25 ° C Notion temperature max. 45 ° C Operating temperature max. 26 ° C Notion strain roliol Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on banding radius Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endargered by accessive bending traces. Conternity Terrotection Mounting table to compere the permissible bending traces. Edection Class Mounting table to compere the permissible bending traces. Edection class can be endargered by accessithe traces. Cold co	-	without
Material housing PUR Locking material Znc dioc casting Mechanical datal [Mounting data Mechanical data [Mounting data Mechanical data [Mounting data inserted, screwed, Shaking protection Environmental characteristics [Climatic Compariting temperature max. Operating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature maye depending on cable quality Important Installation notes Mounting reduines from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Environ: Observe the permissible bending radii when laying cables, as the IP protection class can be ending or dby excessive bending forces. Color green View e arrangement white, yellow, blue, orange Cable identification 796 Jacket Color green Type of Cartification Copper braid, timed Cable shelding (type) copper braid, timed Cable shelding (type) copper braid, timed Cable shelding (coverage) 85 %	Mechanical data Material data	
Ledking material Zinc die-casting Mounting method inserted, strewed, Shaking protection Environmental characteristics [Climatic Environmental characteristics [Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Contornity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Cable indentification Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Cable on bending radius Attentory Evolution Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Cable on bending radius Attentory Evolution attrain directors Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Cable indentification 796 Cable diverse on gradius White, yellow, blue, orange Cable		
Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climati Environmental characteristics Climati Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature may. depending on cable quality Important installation notes Important installation notes Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Important installation notes Product standard DIN EN 61076-2-101 (M12) Installation (Cable Important installation quality, subox, prage Cable identification 796 Cable identification 796 Cable identification 796 Cable identification 796 Cable identification 96 S % Banding I fuero, Foil Filer yee wrise arrangement white, yellow, blue, orange Cable shielding (coverage) 85 % Banding Fleeco, Foil Filer yee wrise arrangement <td< td=""><td></td><td></td></td<>		
Muniting method inserted, screwed, Shaking protection Environmental characteristics Climatic	Locking material	Zinc die-casting
Environmental characteristics (Climatic 25 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 86 °C Note on strain relef Protect the connectors by suitable measures from mechanical loads, e.g. to the usage of cable lies. Attemperature max. Additional condition of protection class can be endangered by excessive bending forces. Contront Protect the connectors by suitable measures from mechanical loads, e.g. to the usage of cable lies. Contront Protect the connectors by suitable measures from mechanical loads, e.g. to the usage of cable lies. Contront Protect the connectors by suitable measures from mechanical loads, e.g. to the usage of cable lies. Contront Protect the connectors by suitable measures from mechanical loads, e.g. to the usage of cable isolation class can be endangered by excessive bending forces. Controt <	Mechanical data Mounting data	
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature maye depending on cable quality Important insialation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Conomity Attention: Observe the permissible bending radi when laying cables, as the IP protection class can be onder the permissible bending radi when laying cables, as the IP protection class can be onder the standard Installation (Cable UNE N 51076-2-101 (M12) Installation (Cable While, yellow, blue, orange Cable identification 796 Cable identification 796 Cable identification 796 Cable identification 796 Cable identification 976 Cable identification (type) copper braid, inned Cable shielding (coverage) 85 % Banding 1 Stranding 4 wires around Core filter twisted Cable shielding (coverage) 85 % Banding Fleece. Foil Filter </td <td>Mounting method</td> <td>inserted, screwed, Shaking protection</td>	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargeed by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable white, yellow, blue, orange Cable identification 796 Jacket Color green Type of Certificate cURus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (roverage) 85 % Banding Fileece, Foil File yes wire arangement white, yellow, blue, orange Cable shielding (roverage) 85 % Banding Fileece, Foil File yes Wire arangement white, yellow, blue, orange	Environmental characteristics Climatic	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on theming radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Installation 1 Cable Write arrangement white, yellow, blue, orange Cable identification 796 Jacket Color green Type of Certificate CURus Annount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (roserage) 85 % Banding Fleace, Foil Filler yes wire arrangement white, yellow, blue, orange Cable shielding (roserage) 85 % Banding Fleace, Foil Filler yes Verial arbitrasity 9 % Banding Beactree, cad	Operating temperature min.	-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 ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN En (1076-2-101 (M12) Installation Cable write arrangement write, yellow, blue, orange Cable identification 796 Cable identification Appendix Entranding 1 Stranding Arrow strain relief vries around Core filler twisted Cable shielding (type) copper braid, finned Cable shielding (type) copper braid, finned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes write arrangement write, yellow, blue, orange Cable weigth 69.3 g/m Material jacket PUR Shore hardnese jacket 89.3 Shore A		
Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be andinagered by excessive bending forces. Conormity Product standard DIN EN 61076-2-101 (M12) Installation Cable while, yellow, blue, orange Cable identification 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 (type) copper braid, tinned Cable shielding (type) ges Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement while, yellow, blue, orange Cable weigth 69.3 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-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 permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Concormity DIN EN 61076-2-101 (M12) Instaliation Cable wite, yellow, blue, orange Cable identification 796 Cable of criticate c.URus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable weight 69,3 g/m Material jacket PUR Store hardnese jacket 89 Shore A Freedom from ingredients (lacket) Iead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (gacket) 6,7 mm Tolerance outer diameter (sheatt) ± 5 % <tr< td=""><td></td><td></td></tr<>		
Attention: Observe the parmissible 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 white, yellow, blue, orange Cable identification 796 Jacket Colon green Type of Certificate cURus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (type) song target Banding Fleece, Foil Filler yes Outer		
Note of Deriving Faculas endangered by excessive bending forces. Construits Product standard DIN EN 61076-2-101 (M12) Installation [Cable white, yellow, blue, orange Cable identification 796 Cable identification 796 Cable identification green n Cype of Cartificate cURus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) cooper traid, tinned Cable verge) 85 % Banding Fleece, Foil Filler yes wire arangement white, yellow, blue, orange Cable weight 89,3 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) ead-free, cadmium-free, CFC-free, halogen-free, silcone-free Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FINC Color (inner jacket) A Dideraride wire insulation E4	Note on strain relief	
Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796 Cable identification green Type of Cerlificate cURus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable whielding (coverage) 85 % Cable weight 69.3 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) iead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,7 mm Tolerance outer (janket) FRNC Color (inner jacket) natur Material inner jacket) natur Material inner jacket) 1.4 mm	Note on bending radius	
Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796 Jacket Color green Type of Certificate cUBus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filer yes wire arrangement white, yellow, blue, orange Cable weigth 69.3 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) RE Amount wires 4 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation ± 5 % <tr< td=""><td>Conformity</td><td></td></tr<>	Conformity	
wire arangement white, yellow, blue, orange Cable identification 796 Jacket Color green Type of Certificate cJRus 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 writer arrangement white, yellow, blue, orange Cable weigh 69,3 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 (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) natur Material wire insulation PE Amount wires 4 Outer diameter insulation 1.4 mm Outer diameter insulation 1.4 mm Outer diameter insulation 1.5 % Shore hardness wire insulation 65 Shore D	Product standard	DIN EN 61076-2-101 (M12)
Cable identification796Jacket ColorgreenType of CertificateCURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigh69,3 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)6.7 mmTolerance outer diameter (sheath)1.5 %Material wire insulationPEAmount wires4Outer diameter insulation1.4 mmOuter diameter insulation1.4 mmOuter diameter insulation1.5 %Amount strands (wire)7	Installation Cable	
Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69.3 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)6,7 mmColer (jacket)6,7 mmColor (inner jacket)FRNCColor (inner jacket)PEAmount wires4Outer diameter insulation1,4 mmOuter diameter insulation1,5 %Shore D1,5 %Ingredient flereness wire insulation1,5 %Shore D1,5 %Amount strands (wire)7	wire arrangement	white, yellow, blue, orange
Type of CertificateCJRusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69,3 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)6,7 mnTolerance outer (jacket)6,7 mnTolerance outer (jacket)7Aterial wire insulationPEAmount wires4Outer diameter insulation1,4 mmOuter diameter insulation1,5 %Shore D1,5 %Ingredient fieneness wire insulation1,5 %Shore D1,5 %Amount wires4Outer diameter insulation1,5 %Outer diameter	Cable identification	796
Amount stranding1Amount stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69,3 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)± 5 %Material wire insulationPEAmount wires4Outer diameter insulation1,4 mmOuter diameter folderone core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Jacket Color	green
Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69,3 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)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation1.4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1.6 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Type of Certificate	cURus
Cable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69,3 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation1.4 mmOuter diameter tolerance core insulation1.5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulation1ead-free, CFC-free, halogen-freeAmount strands (wire)7	Amount stranding	1
Cable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69,3 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)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeMount strands (wire)7	Stranding	4 wires around Core filler twisted
BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69,3 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)± 5 %Material wire insulationPEAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Cable shielding (type)	copper braid, tinned
Filleryeswire arrangementwhite, yellow, blue, orangeCable weigth69,3 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)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Cable shielding (coverage)	85 %
wire arrangementwhite, yellow, blue, orangeCable weigth69,3 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)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Banding	Fleece, Foil
Cable weigth69,3 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Filler	yes
Material 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)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation5 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	wire arrangement	white, yellow, blue, orange
Shore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation5 %Shore hardness wire insulation5 %Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Cable weigth	69,3 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation£ 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulation1ead-free, CFC-free, halogen-freeAmount strands (wire)7	Material jacket	PUR
Outer-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationIead-free, CFC-free, halogen-freeAmount strands (wire)7	Shore hardness jacket	89 Shore A
Tolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Outer-diameter (jacket)	6,7 mm
Color (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Tolerance outer diameter (sheath)	± 5 %
Material wire insulationPEAmount wires4Outer diameter insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Material inner jacket	FRNC
Amount wires4Outer diameter insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Color (inner jacket)	natur
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	Material wire insulation	PE
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	Amount wires	4
Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7	Outer diameter insulation	1,4 mm
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7	Outer diameter tolerance core insulation	±5%
Amount strands (wire) 7	Shore hardness wire insulation	65 Shore D
	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Diameter of single wires 22 AWG	Amount strands (wire)	7
	Diameter of single wires	22 AWG

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-25



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 % @ 100 MHz
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)	50000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Isolation resistance	5000 MΩ × km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° ℃
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 bending cycles (C-track)	3 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m