

M12 female 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 0.5m

Product fulfills requirements according to UN/ECE R118

Ethernet CAT5

Female straight

M12, 4-pole

D-coded

shielded

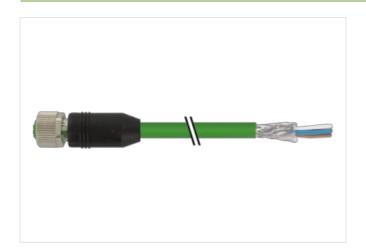
Further cable lengths on request.

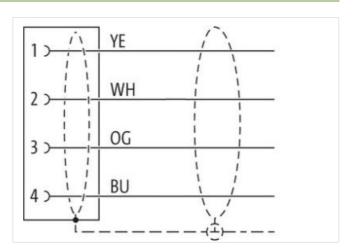
Plastic housings with good resistance against chemicals and oils.

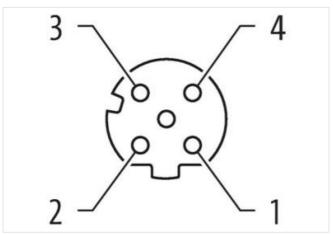
The resistance to aggressive media should be individually tested for your application. Further details on request.

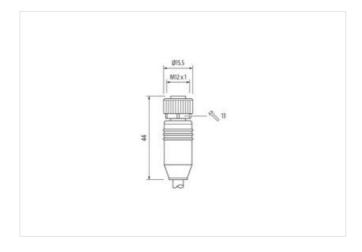
Link to Product

Illustration









Product may differ from Image



stay connected

















Cable length	0,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	D
Material	PUR
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	27060307
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879617574
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Operating voltage DC max. (UL-listed)	30 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 fur	nctionality
duplex	Full duplex
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
J J	



stay connected

Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Coating of fitting	nickel plated
Material screw connection Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature and depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ordangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796 Jacketi Color green Type of Certificate CUPIus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, timed Cable shielding (type) copper braid, timed Cable shielding (coverage) 85 % Banding Piecce, Foll Filler yes Banding Fiece, Foll Filler yes Banding Fiece, Foll Filler yes Shore A Freedom from ingradients (gabaqi) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Culter-diameter (jacket) 6, 7 mm Material jacket (Fince) 1, 4 mm Auterial inner jacket Fince Color (mer jacket) 1, 4 mm Auterial inner jacket Fince Color (mer jacket) 1, 4 mm Auterial inner jacket 1, 4 mm Auterial inner jacket 5, 5 % Material inner jacket 6, 5 Shore D Jumed of or insulation 1, 4 mm Auterial inner jacket 1, 4 mm Auterial inner jacket 1, 5 % Shore hardness were insulation 1, 4 mm Jumed and the fince of single wires 2 & AWG Conductor crosssection (wire) 2 & AWG Material conductor were 5, Stranded copper wire, bere Stranded copper wire, bere		· · · · · · · · · · · · · · · · · · ·
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min		Zinc die-casting
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on stain relief Protect the connectors by sultable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796 Lacket Color green Type of Certificate URBs Available of Standard URBs Stranding 4 wires around Core filter twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Floece, Foll Filter yes Wire arrangement white, yellow, blue, orange Cable weight 98,3 gm Material jacket PUR Shore hardness jacket 98 Shore A Freedom from ingredents (gacket) 194 Bead-free, cardinum-free, CFC-free, halogen-free, silicone-free Outer diameter (gacket) 78 m Attention (gacket) 14 m Color (inner jacket) 15 % Material inner jacket FRNC Color (inner jacket) 14 m Anount strandes wire insulation PE Anount wire ensulation PE Anount wire insulation PE Anount wire insulation PE Anount diameter (sheath) 25 % Shore bardness wire insulation PE Anount diameter (sheath) 14 mm Outer diameter (sheath) 15 % Shore hardness wire insulation PE Anount grandess wire insulation PE Anount freeness wire insulation PE Dameter of single wires Conductor or sessestion (wire) 22 AWG Material conductor wire Stranded copper wire, bare	Mechanical data Mounting data	·
Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending twoss. Conformity Product standard DIN EN 61076-2-101 (M12) Installation [Cable wire arrangement white, yellow, blue, orange Cable identification 796 Lasked Color green Type of Certificate CURus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable ishelding (coverage) 85 % Banding (pye) copper braid, tinned Cable shielding (coverage) 85 % Banding Fierce, Foil Filler yes Wire arrangement white, yellow, blue, orange Cable wight 98 33 g/m Meterral jacket PUR Material jacket (packet) 6,7 mm Tolerance outer diameter (sheath) 1-5 % Material inner jacket FRINC Color (inner jacket) 1-4 mm Outer diameter insulation PE Amount strandness wire insulation 1-4 mm Outer diameter insulation 1-6 Shore D Ingredient freeness wire insulation 1-4 mm Outer diameter insulation 1-6 Shore D Ingredient freeness wire insulation 1-6 Shore D Ingredient freeness wire insulation 1-6 Stranded copper wire, bare		inserted screwed Shaking protection
Operating temperature min.		institut, sorewea, ortaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement White, yellow, blue, orange Cable identification 796 Jacket Color green Type of Certificate culture Jacket Color green Gable identification 4 virus around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes Write arrangement white, yellow, blue, orange Cable weight 69,3 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (facket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Outer diameter (jacket) natur Material miner jacket FRNC Outer diameter (sheath) ± 5 % Material miner jacket FRNC Outer diameter (sheath) ± 5 % Material miner jacket FRNC Outer diameter (sheath) ± 5 % Material miner jacket FRNC Outer diameter (sheath) ± 5 % Material miner jacket FRNC Outer diameter (sheath) ± 5 % Material miner jacket FRNC Outer diameter (sheath) ± 5 % Material miner jacket FRNC Outer diameter (sheath) ± 5 % Material miner jacket FRNC Outer diameter (sheath) ± 5 % Material miner jacket FRNC Outer diameter switch insulation FRE Material conductor wire Switch insulation for Shore bardness wire insulation for Shore bardness wire insulation for Shore D Ingredient freeness wire insulation for Shor	•	
Important installation notes	, ,	
Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissable bending radii when laying cables, as the IP protection class can be endangered by excessive bending torces. Conformity Product slandard DIN EN 61076-2-101 (M12) Installation Cable Installation	· · ·	
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement 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 (type) copper braid, tinned Cable shielding (type) copper braid, tinned Cable shielding (type) copper braid, tinned Cable wire arrangement white, yellow, blue, orange Cable weight 98,3 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) natur Material inner jacket FRNC Color (inner jacket) natur Material inner jacket FRNC Color (inner jacket) natur Material wire insulation PE Amount wires 4 Outer diameter insulation 1,4 mm Outer diameter insulation 55 Shore D Ingredient freeness wire insulation 65 Shore D Ingredient freeness wire insulation 65 Shore D Ingredient freeness wire insulation 65 Shore D Colonductor crosssection (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 5 Stranded copper wire, bare	<u> </u>	depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP profection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement 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 (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 wighth 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) natur Material wire insulation PE Amount wires 4 Outer diameter insulation 1,4 mm Outer diameter insulation 55 Shore D Ingredient freeness wire insulation 65 Shore D Ingredient freeness wire insulation 65 Shore D Ingredient freeness wire insulation 65 Shore D Ingredient freeness wire insulation 12 AWG Condouctor crosssection (wire) 22 AWG Condouctor crosssection (wire) 54 Stranded coppper wire, bare	Important installation notes	
endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796 Jacket Color green Type of Certificate cURus Amount stranding 1 Stranding 4 wires arrund Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (goverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weight 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 Atterial inner jacket FRINC Color (inner jacket) natur Material wire insulation PE Amount wires 4 Outer diameter rusulation 1,4 mm Outer diameter rusulation 1,4 mm Outer diameter folerance oore insulation 1 lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material wire, bare Material conductor wire bare of single wires Stranded copper wire, bare Material conductor wire 5 stranded copper wire, bare	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement 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 (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes Write 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, camium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) 2.5 % Material inner jacket FRNC Color (inner jacket) natur Material wire insulation 1.4 mm Outer diameter insulation 1.5 mm Outer diameter insulation 1.5 mm	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.
Installation Cable wire arrangement 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 (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 weight 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) natur Material wire insulation PE Amount wires 4 Outer diameter rollaration 1,4 mm Outer diameter rollaration 25 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Conductor crosssection (wire) 7 Diameter of single wires 22 AWG Outerdianter of single wires Stranded copper wire, bare	Conformity	
wire arrangement 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 (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weigth 69,3 g/m Material jacket PUR Shore A Freedom from ingredients (jacket) 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) natur Material wire insulation PE Amount wires 4 Outer diameter insulation ± 5 % Shore bardness wire insulation 65 Shore D Ingredient freeness wire insulation	Product standard	DIN EN 61076-2-101 (M12)
wire arrangement 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 (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weigth 69,3 g/m Material jacket PUR Shore A Freedom from ingredients (jacket) 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) natur Material wire insulation PE Amount wires 4 Outer diameter insulation ± 5 % Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulation	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, finned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weigth 69,3 g/m Material jacket PUR Shore hardness 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) natur Material wire insulation PE Amount wires 4 Outer diameter insulation ± 5 % Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulation lead-free, CFC-free, hal	·	white vellow blue grange
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 Cable weight 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) natur Material wire insulation PE Amount wires 4 Outer diameter tolerance core insulation 1,4 mm Outer diameter tolerance core insulation 1,4 mm Outer diameter tolerance core insulation 1,4 mm Outer diameter insulation 1,4 mm Outer diameter (sinculation 1,4 mm Outer diameter insulation 1,4 mm Outer diameter of single wires 22 AWG Conductor crosssection (wire) 7 Diameter of single wires 22 AWG Material conductor wire Stranded copper wire, bare		
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 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) 67 mm Tolerance outer diameter (sheath) ±5 % Material inner jacket FRNC Color (inner jacket) natur Material wire insulation PE Amount wires 4 Outer diameter tolerance core insulation 1,4 mm Outer diameter tolerance core insulation 1,4 mm Outer diameter tolerance core insulation 1,4 mm Outer diameter insulation 1,4 mm Outer diameter insulation 1,6 Shore D Ingredient freeness wire insulation 1,6 Shore D Ingredient freeness wire insulation 1,2 AWG Conductor orosssection (wire) 22 AWG Material conductor wire Stranded copper wire, bare		
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 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) natur Material wire insulation PE Amount wires 4 Outer diameter tolerance core insulation ± 5 % Shore bardness wire insulation 1,4 mm Outer diameter tolerance core 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		
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 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) natur Material wire insulation PE Amount wires 4 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 4.4 mm Outer diameter tolerance core 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	••	
Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler 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) natur Material wire insulation PE Amount wires 4 Outer diameter folerance core insulation ± 5 % Shore hardness wire insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Material conductor wire Stranded copper wire, bare		
Cable shielding (coverage) 85 % Banding Fleece, Foil Filler 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) natur Material wire insulation PE Amount wires 4 Outer diameter tolerance core insulation 1,4 mm Outer diameter tolerance core insulation 45 % 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 Material conductor wire Stranded copper wire, bare		
Banding Fleece, Foil Filler 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) natur Material wire insulation PE Amount wires 4 Outer diameter tolerance core insulation 1,4 mm Outer diameter tolerance core insulation 55 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Material conductor wire Stranded copper wire, bare		
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) natur Material wire insulation PE Amount wires 4 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Material conductor wire Stranded copper wire, bare		
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) natur Material wire insulation PE Amount wires 4 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Material conductor wire Stranded copper wire, bare	<u> </u>	
Cable weight 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) natur Material wire insulation PE Amount wires 4 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		•
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) natur Material wire insulation PE Amount wires 4 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 Material conductor wire Stranded copper wire, bare		
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) natur Material wire insulation PE Amount wires 4 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation \$\frac{\pmathbf{5}}{5}\$ Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Material conductor wire Stranded copper wire, bare	-	
Freedom from ingredients (jacket) Duter-diameter (jacket) Coler-diameter (sheath) Anount strands (wire) Anount strands (wire) Diameter of single wires 22 AWG Material conductor wire Material conductor wire Material conductor wire Stranded copper wire, bare Stranded Copper wire, bare	<u>, </u>	
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 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 Material conductor wire Stranded copper wire, bare	<u> </u>	
Tolerance outer diameter (sheath) ### 15 % Material inner jacket FRNC Color (inner jacket) natur Material wire insulation PE Amount wires 4 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 Material conductor wire Stranded copper wire, bare		•
Material inner jacket FRNC Color (inner jacket) natur Material wire insulation PE Amount wires 4 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	,	
Color (inner jacket) Material wire insulation PE Amount wires 4 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		
Material wire insulation PE Amount wires 4 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 Material conductor wire Stranded copper wire, bare	•	
Amount wires 4 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		
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		
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		
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		
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		
Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire Stranded copper wire, bare		
Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire Stranded copper wire, bare		
Conductor crosssection (wire) 22 AWG Material conductor wire Stranded copper wire, bare	, ,	
Material conductor wire Stranded copper wire, bare	-	
	. ,	
Nominal voitage 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	Electrical capacity line constant (wire - wire)	SUUUU 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)	80 °C
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