

M12 male 0° D-cod./RJ45 Push Pull 0° shielded AIDA

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 4m

Product fulfills requirements according to UN/ECE R118

Ethernet CAT5

Plastic housings with good resistance against chemicals and oils.

Male straight - male straight

M12 - RJ45PP, 4-pole

D-coded

shielded

8-pole partly used

Push Pull

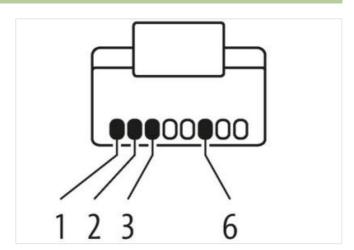
Transmission properties with channel transmission up to 100 m

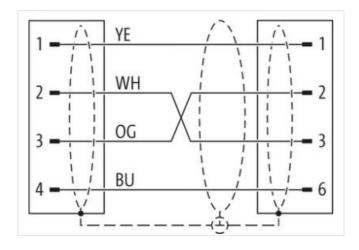
Further cable lengths on request.

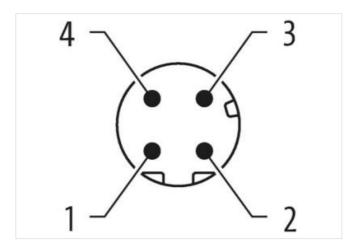
Link to Product

Illustration



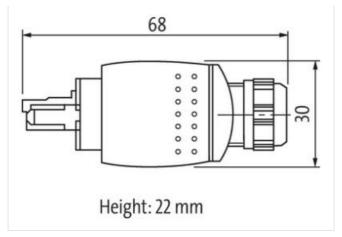


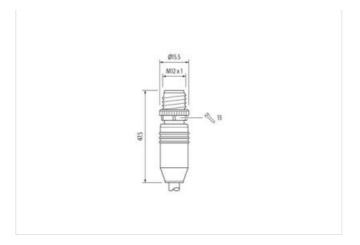






stay connected





Product may differ from Image









Cable length	4 m	
Side 1		
Tightening torque	0,6 Nm	
Family construction form	M12	
Thread	M12 x 1	
Coding	D	
Material	PUR	
Width across flats	SW13	
Side 2		
Coating head	nickel plated	
Material	Zinc die-casting	
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	4065909007945	
Packaging unit	1	
Electrical data Supply		
Operating voltage DC max.	60 V	
Current operating per contact (UL)	3,3 A	
Current operating per contact max.	1,76 A	
Industrial communication		
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)	
Data transmission rate max.	100 MBit/s	
Industrial communication Ethernet functionality		



stay	connected
July	COMMICCICA

Additional condition protection degree 7 Pollution Degree 8 Pollution Degree 8 Pollution Degree 8 Seried aurage votings 8 In Sk V Materiality protein [15 Company 11 Country of Company 11 Country of Count	duplex	Full duplex
Acastronic condition protection degree Pollution Dispuse 3 Rated surges voltage 1,5 kV Material group (EC 50084-1) 1 Contour for corrugated hose without Machanical data Machanical data Machanical data Contour for corrugated hose Machanical data Contour for corrugated hose Machanical data Machanical data Contour for corrugated hose Machanical data M	Device protection Electrical	
Rated surge voltage 1.5 kV Machanical data Controur for corrugated hose without Machanical data Material data Internal data Coating tooking Nickeled Cooking material Coating tooking Nickeled Cooking material Machanical data Internal data Coating tooking Nickeled Cooking material Machanical data Internal data Machanical data Machan	Degree of protection (EN IEC 60529)	IP65, IP67
Redet surp voltage 1,5 kV Material group (IEC 6064-1) I Material group (IEC 6064-1) I Contour for corrugated hose without Machanical data Material data Contour for corrugated hose without Machanical data Material data Coating material Zinc die castling Machanical data Mounting data Deraving temperature min. 25 °C Operating temperature min. 25 °C	Additional condition protection degree	inserted, screwed
Material group (IEC 60864-1) Mochanical data Continue for corrugated hose Michanical data Material data Continue for corrugated hose Michanical data Material data Continue for corrugated hose Mochanical data Mounting data Mounting method Environmental characteristics Climatic Institution of the preference in Experimental Environmental Climatics Climatic Institution of the preference in Experimental Environmental Climatics Climatic Environmental characteristics Climatic Environmen	Pollution Degree	3
Mechanical data without Mechanical data [Material data] without Coating (ocklong) Nickeled Locking material Zinc de-assing Mechanical data [Mounting data Mechanical data [Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating (imperature max.) 25 °C Operating (imperature max.) 25 °C Operating (imperature max.) 45 °C Additional condition temperature range depending on cable quality Operating (imperature max.) 45 °C Additional condition temperature range depending on cable quality Operating (imperature max.) 45 °C Additional condition temperature range depending on cable quality Operating (imperature max.) 45 °C Additional conditions Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ordaniged by excessive bending toxes. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ordaniged by excessive bending toxes. Conformity Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable lock. Attention: Observe the permissible bending radii when laying cables, as the IP protec	Rated surge voltage	1,5 kV
Contour for corrugated hose without Machanical data Material data Conding looking Nickeled Cocking material Zim de-easting Mechanical data Mounting data Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Cimatic Operating temperature min. 25 °C Operating temperature max. 65 °C Additional condition temperature may. depending not page 10 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 bending radius Aftention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangled by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation (Cable 296 Cable identification 796 Jackot Color green Type of Certificate URUS Cable shielding (type) copper braid, timed Cable shielding (type) copper braid, timed	Material group (IEC 60664-1)	1
Mechanical data Material data Mickeled Coating looking Nickeled Mechanical data Munting data Image: Coating protection Mechanical data Munting data Image: Coating protection Environmental characteristics Climatic Coperating inemperature min. 25 °C Operating ingenerature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 45 °C Additional condition temperature max. 85 °C Additional condition temperature max. 4 Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable fees. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable fees. Controlled Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable fees. Controlled Attention: Observe the permissible bending proteins. Controlled Attention: Description of the permissible permissible proteins laying particles. Cable identificatio	Mechanical data	
Coating looking Nickeled Locking material Zinc disc-casting Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mochanical data Mounting data Mochanical data Mounting data Mochanical data Mounting data Mochanical data Mounting demperature min. 25 °C Additional condition temperature map. Additional condition temperature map. Additional condition temperature range depending on cable quality Mounting data Mounting	Contour for corrugated hose	without
Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature mage 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. Aftertions: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 796 Jacket Color green Jacket Color green Jacket Color green Jacket Color green Cable shelding (type) copper braid, inned Cable shelding (type) copper braid, inned Cable shelding (type) copper braid, inned Cable shelding (type) (type) green Filler yes Write arrangement white, yellow, blue, orange Cable weigh 69.3 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (facket) [cachine; cachinum-free, CFC-free, halogen-free, silicone-free Outer-diameter (facket) 6,7 mm Annual radinater (facket) 1.5 % Material wine insulation PE Annual wires Annual radinater (sheath) 1.4 mm Outer diameter insulation PE Annual radinates wine insulation PE Annual radinates wine insulation 1.4 mm Outer diameter insulation 1.5 % Shore hardness wine insulation 1.5 % Shore hardness wine insulation 1.5 % Annual strandess wine insulation 1.5 % Jacket Color (meritare) 1.5 % Shore hardness wine insulation 1.5 % Jacket Color (meritare) 1	Mechanical data Material data	
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 25° C Operating temperature max. 85° C Additional condition temperature range depending on cable quality Important installation notes Note on strain reited Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies. Attentions: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 796 Jacketi Color green Jeren 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, sinned Cable shielding (type) copper braid, sinned Cable shielding (coverage) 85 % Banding Fleece, Foll Filler yes wire arrangement white, yellow, blue, crange Cable weight 69,3 g/m Material jacket PUB Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 7 FRINC Color (inner jacket) 7 FRINC Quiter diameter insulation 7 FRINC Quiter diameter insulation 7 FRINC Quiter diameter tolerance core insulation 1,4 mm Outer diameter tolerance core insulation 65 Shore D Ingredient freeness wire insulation 7 FCC-free, halogen-free Amount strands (wire) 7 FCC-free, halogen-free	Coating locking	Nickeled
Mounting method inserted, screwed, Shaking protection Privionmental characteristics Climatic	Locking material	Zinc die-casting
Mounting method inserted, screwed, Shaking protection Privionmental 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 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 61076-2-101 (M12) Installation Cable Cable identification 796 Jake (Color green Culticate Cultiva Amount stranding 1 4 wires around Core filler twisted Cable shielding (coverage) 85 % Banding Fleece, Foil Filler Wire arrangement white, yellow, blue, orange Cable weight 69,3 g/m Material jacket 89 Shore A Freedom from ingredients (acket) 16,7 mm Tolerance outer diameter (sheath) 25 % Material inner jacket FRINC Color (inner jacket) 14 mm Uniter diameter (sheath) 15 % Material inner jacket FRINC Color (inner jacket) 14 mm Uniter diameter relievation 15 % Shore hardness wire insulation 15 5 % Shore hardness wire insulation 15 5 % Shore hardness wire insulation 15 5 % Shore hardness wire insulation 16 65 Shore D Unter diameter relievation 17 4 mm Uniter diameter tolerance core insulation 16 5 Shore D Amount strandes (wire) 7		incerted screwed Shaking protection
Operating temperature min25 °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. 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 Cable identification 796 Jackel 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 ye wire arrangement white, yellow, blue, orange Cable weight 69.3 g/m Material jacket PUR Shore hardness jacket 99 Shore A Freedom from ingredients (facket) 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (facket) 6,7 mm Tolerance outer diameter (speath) 2.5 % Material miner jacket PIR Amount stranding 1.4 mm Outer diameter insulation 1.4 mm Outer diameter insulation 1.4 mm Outer diameter risulation 1.4 mm Outer diameter swire insulation 1.4 mm Outer diameter risulation 1.4 mm Outer diameter swire insulation 1.4 mm Outer diameters wire insulation 1.4 mm Outer diameters wire insulation 1.4 mm Outer diameters wire insulation 1.4 mm		· · · · · · · · · · · · · · · · · · ·
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 Endough and the strain of the stra		
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 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 weight 69,3 g/m Material jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket FRNC Color (inner jacket) 6,7 mm Tollerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) natur Material wire insulation PE Amount wires 4 Quiter diameter insulation 1,4 mm Outer diameter insulation 65 Shore D Ingredient freeness wire insulation 1,6 ed-free, CFC-free, halogen-free Amount strands (wire) 7	Operating temperature min.	
Insportant 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 Cable identification 796 Jajacket Color green Type of Certificate URUs 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 Culter-diameter (jacket) natur Material wire insulation PE Amount wires 4 Quiter diameter insulation 1,4 mm Outer diameter insulation 1,4 mm Outer diameter insulation 1,5 mc Ingredient freeness wire insulation 1,6 mc Ingred	Operating temperature max.	
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 Cable identification 796 Zable identification 796 Zaked 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 hardness jacket 89 Shore A Freedom from ingredients (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material imer jacket) natur Material wire insulation PE Amount wires 4 Outer diameter (sheath) PE Amount wires 4 Outer diameter (sheath) 1,4 mm Outer diameter insulation PE Amount wires 4 Outer diameter insulation PE Amount wires 0 Amount strands (wire) 7	Additional condition temperature range	depending on cable quality
Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP profection class can be endangered by excessive bending forces. Product standard Installation [Cable] Cable identification 796 Jacket Color green CuRus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) 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) Duter diameter (jacket) Attended FRNC Color (inner jacket) Attended 1,4 mm Outer diameter insulation 12 ffs Shore D Ingredient freeness wire insulation 12 ffs Shore D Ingredient freeness wire insulation 12 ffs Around Shore D Ingredient freeness wire insulation 12 ffs Around Shore D Ingredient freeness wire insulation 12 ffs Around Shore D Ingredient freeness wire insulation 12 ffs Around Shore D Ingredient freeness wire insulation 12 ffs Around Shore D Ingredient freeness wire insulation 12 ffs Around Shore D Ingredient freeness wire insulation 12 ffs Around Shore D Ingredient freeness wire insulation 12 ffs Around Shore D Ingredient freeness wire insulation 13 ff Around Shore D Ingredient freeness wire insulation 14 ff Around Shore D Ingredient freeness wire insulation 15 ffs Shore D	Important installation notes	
endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 796 Jacket Color green Type of Certificate cURus Amount stranding 1 Stranding 4 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes Write, 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 (jacket) natur Material inner jacket FRNC Color (inner jacket) natur Material inner jacket PE Amount wires 4 Outer diameter insulation 1,4 mm Outer diameter insulation 55 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7	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 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 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 FRINC Color (inner jacket) natur Material wire insulation PE Amount wires 4 Outer diameter insulation ± 5 % Shore hardness wire insulation 65 Shore D Ing	Note on bending radius	
Cable identification 796 Jacket Color green Type of Certificate cURus Amount stranding 1 Stranding 1 Standing 4 wires around Core filler twisted Cable shielding (type) copper braid, finned Cable shielding (coverage) 85 % Banding Fleece, Foll 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) 1,5 % Material inner jacket FRINC Color (inner jacket) natur Material vire insulation PE Amount wires 4 Outer diameter tolerance core insulation ± 5 % Shore D Ingredient tolerance core insulation ± 5 % Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7	Conformity	
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 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 65 Shore D Ingredient freeness wire insulation 1,4	Product standard	DIN EN 61076-2-101 (M12)
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 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 65 Shore D Ingredient freeness wire insulation 65 Shore D Ingredient freeness wire insulation 7	Installation Cable	
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 (sheath) ± 5 % Material inner jacket FRINC 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 freeness wire insulation 1 lead-free, CFC-free, halogen-free Amount strands (wire) 7	Cable identification	796
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 insulation 1,4 mm Outer diameter insulation 55 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7	Jacket Color	green
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 lolerance core 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	Type of Certificate	cURus
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 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	Amount stranding	1
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 ± 5 % Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7	Stranding	4 wires around Core filler twisted
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 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	Cable shielding (type)	copper braid, tinned
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 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	Cable shielding (coverage)	85 %
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 65 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7	Banding	Fleece, Foil
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 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	Filler	yes
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	wire arrangement	white, yellow, blue, orange
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 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulation Amount strands (wire) 7	Cable weigth	69,3 g/m
Freedom from ingredients (jacket) Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) 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 Amount strands (wire) 7	Material jacket	PUR
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	Shore hardness jacket	89 Shore A
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	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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	Outer-diameter (jacket)	6,7 mm
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 Amount strands (wire) 7	Tolerance outer diameter (sheath)	±5%
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	Material inner jacket	FRNC
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	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 insulation 65 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount 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



Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3 Mio. @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
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
Loop 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 torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m