

M12 male 0° / M8 female 90° A-cod.

PUR 3x0.25 gy UL/CSA+drag ch. 0.6m

Male straight - female 90°

M12 - M8, 3-pole

Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

with cable sleeves

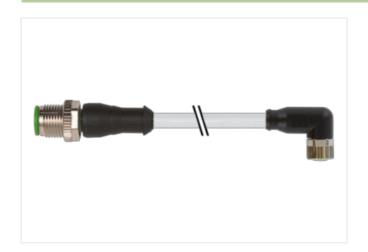
Plastic housings with good resistance against chemicals and oils.

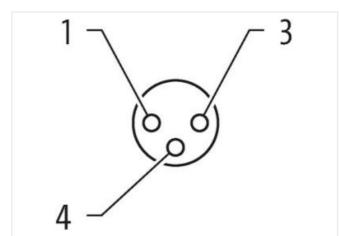
The resistance to aggressive media should be individually tested for your application. Further details on request.

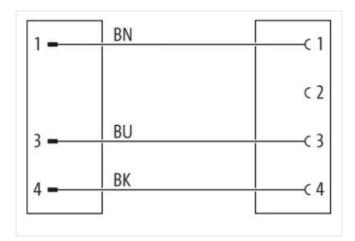
Further cable lengths on request.

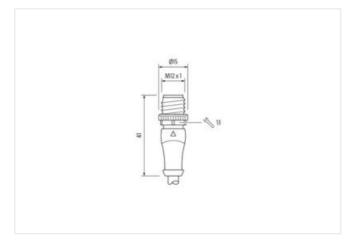
Link to Product

Illustration











stay connected





Product may differ from Image











Cable length	0,6 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311



stay connected

ETM 6.0 CO001855	ECLASS-12.0	27060311
coatoms tariff number 85446290 GTN 4048679 817275 Controlling voltage AC max.	ETIM-5.0	EC001855
Carter C		
Specifical data Supply	GTIN	
Specifical data Supply	Packaging unit	1
Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 70 V Operating voltage DC max. 70 V Operating voltage DC (UL sleed) 30 V Operating voltage DC (UL sleed) 30 V Operating voltage DC (UL sleed) 4A V Operating voltage DC (UL sleed) 50 V Operating voltage AC max 50 V Operating voltage 50 V Operating voltage AC max 50 V Operating temperature max. 85 V Operating tem		
Operating voltage DC mas: 69 V Operating voltage AC (UL-listed) 30 V Ourrent optorage (CUL-listed) 30 V Ourrent optorage (CUL-listed) 30 V Ourrent operating por contact max. 4 A AB Provice protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 80804-1) 1 Mochanical data Material data Coating of ulting missing Copper alloy Coating locking not listing missing Nickeled Coating locking 1,5 kV Material group (IEC 80804-1) 1 Mochanical data Material data Coating of ulting nickel plated Material group (IEC 80804-1) 1 Mochanical data Material data Coating of ulting nickel plated Material group (IEC 80804-1) 1 Mochanical data Material data Coating of ulting nickel plated Material screw connection 2 incel casting Material screw connection 2 incel casting Material screw connection 2 incel casting Mochanical data Mourning data Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Voluming data Mourning data Proparating temperature mis. 25 °C Operating temperature mis. 25 °C Continuity Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable dies. Note on bending radius when laying cables, as the IP protection class can be endangered by excessive bending forces. Contemity Product standard Disc (Aleited) 20 NEN 8 1675 2-101 (M12), DIN EN 81075 2-114 (M8) Installation (Cable discretification 20 (Aleited) 20 (Aleit		E0.V
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage pc contact max. 4 A Povice protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Raded surge voltage 1,5 kV Material group (IEC 6068-1) I Coating to locking Coating (Coating Indicated I		
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60684-1) I Mochanical data Material data Ceating housing Coating listing incident protection degree inserted, screwed Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60684-1) I Mochanical data Material data Ceating housing Coating listing incident plated Coating housing coating incident inserted, screwed,		
Current operating per contact max. Perios protection Electrical Additional condition protection degree Pollution Degree 3 Rated surge voltage 1.5 kV Material group (IEC 60664+1) I Mechanical data Material data Coating potentian Coating potentian Coating of browing Coating of litting nickel plated Material gasket PKM Locking material Zinc die-casting Material screw connection Zinc die-casting Zinc die-casting Zinc die casting Zinc die casti		
Additional condition protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 3 Rated surge voltage 1,5 k/V Material group (IEC 60064-1) I Coating pouling a Copper alloy Coating locking Nickelad Coating pocking Nickelad Coating pocking Nickelad Coating fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material gasket FKM Mehanical data Mounting data Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental ch		
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1, 5 kV Material group (IEC 60684-1) 1 Mechanical data Material data Coating housing Copper alloy Coating of filting nickeled Material grasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Munting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relie! 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 excessible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection class can be endangered by excessible be		70
Pollution Degree 3 Raied surge voltage 1,5 kV Machanical group (IEC 60694-1) I Mechanical data Material data Coating boking Copper alloy Coating boking Nickeled Coating boking Nickeled Coating boking Nickeled Coating apaket FKM Locking material Zinc die-casting Material gasket FKM Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Poperating temperature min. 25 °C Operating temperature max. 85 °C 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 bonding radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Internation of San		
Rated surge vortage 1.5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating floxing	<u> </u>	
Material group (IEC 60064-1) Mechanical data Material data Coating housing Copper alloy Coating for hitting nickel plated Material gasket FKM Material gasket Incoking method Incoking Mechanical data Mounting data Mounting method Incoking Incok		
Mechanical data Material data Copper alloy Coating loucing Nickeled Coating locking Nickeled Coating of Itting nickel plated Material gasket FKM Locking material Zinc die-casting Material grow connection Toin die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature may. 455 °C Operating 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 barding 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), DIN EN 61076-2-114 (M8) Installation Cable Since 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), DIN EN 61076-2-114 (M8)		· · · · · · · · · · · · · · · · · · ·
Coating housing Copper alloy Coating plocking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Environmental characteristics Climatic Coperating temperature min.		l
Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality 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), DIN En 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable Type 3 3 3 acket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted DIN En 61076-2-104 (M2), DIN En 61076-2-104 (M3) Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted Wire arrangement brown, black, blue Cable weigh 26,4 g/m Material jacket PUR Shore hardness Jacket 9 ± £ Shore A Freedom from ingredients (jacket) 4.1 mm Tolerance outer diameter (sheath) ± 5 %	Mechanical data Material data	
Coating of fitting nickel plated Material gasket FKM Material gasket Zinc die-casting Material serve connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. Operating temperature min. 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), DIN EN 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigh 26,4 g/m Material Jacket Cable weigh 26,4 g/m Material Jacket Celefrace, cadmium-free, CFC-free, halogen-free, sillcone-free Outer-diameter (scheath) 4,1 mm Tolerance outer diameter (scheath) 4,5 %	Coating housing	Copper alloy
Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Meterial screw connection inserted, screwed, Shaking protection Environmental characteristics Climatic Clima	Coating locking	Nickeled
Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic 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 Froduct standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Annount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26.4 g/m Material jacket PUR Shore hardness jacket PUR Shore A Freedom from ingredients (jacket) 4.1 mm Tolerance outer diameter (gleactt) 4.1 mm Tolerance outer diameter (sheath) ± 5 %	Coating of fitting	nickel plated
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature man. 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), DIN EN 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material socket PUR Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (glocket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %	Material gasket	FKM
Mechanical data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min.	Locking material	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 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), DIN EN 61076-2-114 (M8) Installation Cable Wrive arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cuRus Amount stranding 1 Stranding 3 wires twisted Wire arrangement brown, black, blue Cable weight 26,4 g/m Material jacket PUR Shore hardness jacket PUR Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 %	Material screw connection	Zinc die-casting
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), DIN EN 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %	Mechanical data Mounting data	
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. 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), DIN EN 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable wire jacket Din (M12), DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) The control of t	Mounting method	inserted, screwed, Shaking 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), DIN EN 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURius Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %	Environmental characteristics Climatic	
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), DIN EN 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable identification 230 Alacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black blue Cable weight 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %	Operating temperature min.	-25 °C
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), DIN EN 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %	Operating temperature max.	85 °C
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), DIN EN 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 %	Additional condition temperature range	depending on cable quality
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), DIN EN 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %	Important installation notes	
endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 %	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), DIN EN 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %	Note on bending radius	
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %	Conformity	
wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %	•	DIN FN 61076-2-101 (M12) DIN FN 61076-2-114 (M8)
wire arrangement brown, black, blue Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 %		DITALITY 01070-2-101 (WI12), DITALITY 01070-2-114 (WI0)
Cable identification 230 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 %		
Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %		
Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %		
Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %		
Amount stranding Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %		
Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %		
wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %		
Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %		
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %		
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %		-
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %		
Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 %	, , , , , , , , , , , , , , , , , , ,	
Tolerance outer diameter (sheath) ± 5 %	Freedom from ingredients (jacket)	
	Outer-diameter (jacket)	· · · · · · · · · · · · · · · · · · ·
Material wire insulation PP		
	Material wire insulation	PP



Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min