

M12 male 90° / M8 female 90° A-cod.

PUR 3x0.25 ye UL/CSA+robot+drag ch. 1m

Male 90° - female 90°

M12 - M8, 3-pole

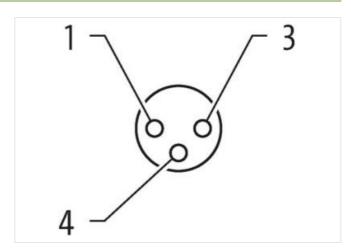
Plastic housings with good resistance against chemicals and oils.

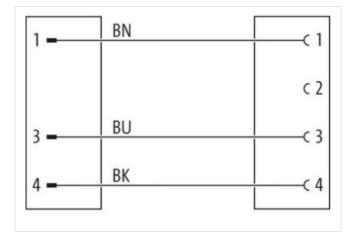
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

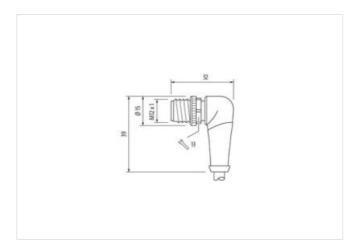
Link to Product

Illustration











stay connected





Product may differ from Image











Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Material	PUR
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP66K, 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
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879293785
Packaging unit	1
Electrical data Supply	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02



stay connected

Operating voltage AC (UL-lated) 30 V Operating voltage DC (UL-lated) 30 V Ourrent operating par contact max. 4 A Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Ratud surge voltage Ratud	Operating voltage AC max.	50 V
Operating voltage DC (ILL-eleder) 30 V Current operating per contact max. 4 A Device protection (Electrical) Islanding projection degree inserted, screwed Pollution Degree 3 1,5 kV Material group (ICC 000041) 1 The Michanical data Meriral d	Operating voltage DC max.	60 V
Operating voltage DC (ILL-eleder) 30 V Current operating per contact max. 4 A Device protection (Electrical) Islanding projection degree inserted, screwed Pollution Degree 3 1,5 kV Material group (ICC 000041) 1 The Michanical data Meriral d	Operating voltage AC (UL-listed)	30 V
Additional Condition protection degree Additional Condition protection degree Foliation Degree 3 Related surge voltage 1.5 kV Material group (IEC 80804-1) I Coating looking safe-cover coated Coating of Inting Incided plated Looking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Additional condition temperature man. 28 ° ° ° Operating temperature max. 88 ° ° ° Operating temperature max. 89 ° ° ° Additional condition temperature max. 89 ° ° ° Additional condition temperature max. 89 ° ° ° Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Additional condition temperature max. 89 ° ° ° Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Additional condition temperature max. 89 ° ° ° ° Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Additional condition temperature max. 80 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	Operating voltage DC (UL-listed)	30 V
Additional condition protection degree inserted, screwed Pollution Degree 3 Andiade surge voltage 1,5 kV Meterial group (IEC 60664-1) Mechanical data Material data Coating of fitting safe cover coated Coating of fitting nickel plated Locking material Zinc del-casting Makerial group material Locking material Zinc del-casting Makerial screw commotion Zinc del-casting Mounting method Environmental characteristics Cimatic Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending nation temperature range depending nation temperature range depending nation temperature range depending nation Attention: Cheseve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61078-2-101 (M12), DIN EN 61078-2-114 (M8) Installation Cable Coatle Type 5 Lascet Color Julion Lascet Color	Current operating per contact max.	4 A
Additional condition protection degree inserted, screwed Pollution Degree 3 Andiade surge voltage 1,5 kV Meterial group (IEC 60664-1) Mechanical data Material data Coating of fitting safe cover coated Coating of fitting nickel plated Locking material Zinc del-casting Makerial group material Locking material Zinc del-casting Makerial screw commotion Zinc del-casting Mounting method Environmental characteristics Cimatic Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending nation temperature range depending nation temperature range depending nation temperature range depending nation Attention: Cheseve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61078-2-101 (M12), DIN EN 61078-2-114 (M8) Installation Cable Coatle Type 5 Lascet Color Julion Lascet Color	Device protection Electrical	
Facilitation Degree 3 1,5 kV Machanical group (IEC 90664-1) 1 Machanical data Material data Coating locking Safe-cover coated Coating locking Indicated Indicated		inserted screwed
Rated surge voltage 1,5 kV Material prop (FIC 8068+1) I Casting looking safe-cover coated Coating looking nickel plated Looking material Zinc die casting Material sterew connection Zinc die casting Material sterew Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc		· · · · · · · · · · · · · · · · · · ·
Material group (IEC 80864.1) Mechanical data Material data Coating locking Saafe cover coated Coating locking material All Material data Coating locking Coating locking material Zinc die-casting Meterial screw connection Zinc die-casting Meterial screw connection Zinc die-casting Meterial screw connection Zinc die-casting Mechanical data Mounting data Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Coperating 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 Cable identification O50 Cable Type 5 Salekt Color yellow Type of Certificate CURus Amount stranding 1 Strending 3 wires twisted Wire arrangement brown, black, blue Cable weight 26,4 g/m Material wire insplaction 5 °S Strending 3 wires twisted Wire arrangement brown, black, blue Cable weight 36,4 g/m Tolerance outer diameter (spacker) 4,3 mm Tolerance outer diameter (spacker) 4,3 mm Tolerance outer diameter (spacker) 4,5 mm Tolerance outer diameter (spacker) 5 °S Shore hardness insulation 7 °S °S Shore hardness wire insulation 7 °S °S °S Diameter of single wires 0,1 mm Muterial conductor wire 5 °S °S Shore hardness wire insulation 0,2 °S °M P		
Mechanical data Material data Coating of fitting sale-cover coated Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Munting data Mechanical data Munting data Environmental Characteristics Climatic Compening temperature mix. Operating temperature mix. 65 °C Additional condition temperature range depending on cable quality Important Installation notes Mole on strain situation and strain strains and strai		<u> </u>
Coating locking nickel plated Coating of fitting nickel plated Coating of fitting 2 inckel plated Coating of fitting 2 inckel plated Material screw connection 2 inc die casting Mechanical datal Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature min. 35 °C Operating temperature map. 35 °C Operating temperature map. 35 °C Operating temperature map. 45 °C Operating fitting fitting temperature map. 45 °C Operating fitting temperature map. 45 °C Operating fitting temperature map. 45 °C Operating fitting fitting fitting temperature map. 45 °C Operating fitting fitti		'
Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating 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 ordinagered by excessive bending forces. Conformity Product standard DiN En 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 050 Cable Type 5 Jacket Color yellow Type of Certificate Clura LURus Amount stranding 1 Stranding 3 wires twisted Wire arrangement brown, black, blue Cable weigh 26 4 g/m Material jacket PUR Shore hardness jacket PUR Freedom from ingredients (jacket) 4,3 mm Tolerance outer diameter (jacket) 4,3 mm Tolerance outer diameter (jacket) 1,25 mm Outer diameter insulation 1,25 mm Outer diameter of single wice 0,1 mm Conductor crosssection (wire) 0,25 mm² Material productor wire 0,1 mm Conductor crosssection (·	<i>.</i>
Locking malerial Zinc die casting Material serew connection Zinc die casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature man85 °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 Cable in Type 5 Jacket Color yellow Jacket Color yellow Type of Certificate URus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigh 28.4 ym Material jacket PUR Store hardness jacket Freedom from ingredients (jacker) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacker) 4.3 mm Tolerance outer diameter (sheath) 2.5 % Amount strandission 74 ± 3 Shore D Ingredient freeness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation P Damount strandes wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 80.1 mm Material rise freeness wire insulation 80.1 mm Date of single wires Conductor or sessection (wire) 0.25 mm² Material rise freeness wire insulation 80.1 mm Date of single wires Conductor or sessection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare		
Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max85 °C Additional condition temperature range depending on cable quality Important installation notes Virolating radius 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 slandard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Installation Cable Cable Type S Jacket Color yellow 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 59 4.3 Shore D Freedom from impredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 1.25 mm Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation 74 ± 3 Shore D Ingredient freeness wire insulation 1.25 mm Outer diameter risulation 1.25 mm Outer diameter risulation 1.25 mm Outer diameter risulation 1.25 mm Outer diameter swill enturation 1.25 mm Outer diameter risulation 1.25 mm Outer diameter swill enturation 1.25 mm Outer diameter foliority 2.5 mm Material conductor wire 2.5 mm Attention: Oxford compensation 2.5 mm Material conductor wire 2.5 mm		·
Mechanical data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min.		
Mounting 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 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 Cable identification 050 Cable Type 5 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 1 stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 26.4 g/m Material jacket Set 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.3 mm Coller diameter (jacket) 25 % Material wire insulation 74 ± 3 Shore D Outer diameter insulation 74 ± 3 Shore D Outer diameter rolerance core insulation 74 ± 3 Shore D Outer diameter rolerance core insulation 74 ± 3 Shore D Durdedient freeness wire insulation 1.25 mm Outer diameter rolerance core insulation 25 mm Material conductor ories sever insulation 25 mm	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. 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 Cable identification O50 Cable weight Octificate OLPus Amount stranding 1 Stranding 3 wires twisted wire arrangement Drown, black, blue Cable weight 26.4 g/m Material jacket PUR Shore hardness jacket S8 ± 3 Shore D Freedom from ingredients (jacket) 4.8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount strands Nature Nature Amount strands Nature Nature Jacket October October Jacket October October	Mechanical data Mounting data	
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. 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 Cable identification O50 Cable identification O50 Cable identification O50 Cable View Operation of Standard Over the permissible department of the protection class can be endangered by excessive bending forces. Cable Office Color Operation of Standard Over the permissible of Standard Over the perm	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 Cable identification 050 Cable Type 5 Jacket Color yellow Type of Carlificate 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 PUR An impedient (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter (sheath) 1,25 mm Outer diameter insulation 1,25 mm Outer diameter rollerance core insulation 1,25 mm Outer diameter rollerance core insulation 1,25 mm Outer diameter rollerance core insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter foreass wire insulation 1,25 mm Outer diameter of series wire insulation 1,25 mm Outer of series wire insulation 1,25 mm Outer of series wire insulation 1,25 mm	Environmental characteristics Climatic	•
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on brading radius 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 Cable identification 050 Cable identification 050 Cable identification 050 Cable identification 050 Cable identification 050 Cable Orype 5 5 5 Jacket Color yellow 1 1 Type of Certificate cURus 4 1 2 1 1 2 1 2 1 2 1	Operating temperature min.	-25 °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 forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 050 Cable identification UP 5 Jacket Color yellow Type of Certificate UP UR S Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigh 26.4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Diameter of single wires 1,26 mm Canductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Material conductor wire Stranded copper wire, bare	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 Cable identification 050 Cable rtype 5 Jacket Color yellow 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 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Material wire insulation PP Amount wires 3 Outer diameter (sheath) ± 5 % Shore hardness wire insulation 1,25 mm Outer diameter tolerance core insulation 1 pad-free, cadmium-free, CFC-free, halogen-free, silicone-free Ingredient freeness wire insulation 1 pad-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 mm² Material conductor wire Stranded copper wire, bare	Additional condition temperature range	depending on cable quality
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 Cable identification 050 Cable rtype 5 Jacket Color yellow 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 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Material wire insulation PP Amount wires 3 Outer diameter (sheath) ± 5 % Shore hardness wire insulation 1,25 mm Outer diameter tolerance core insulation 1 pad-free, cadmium-free, CFC-free, halogen-free, silicone-free Ingredient freeness wire insulation 1 pad-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 mm² Material conductor wire Stranded copper wire, bare	Important installation notes	
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 Cable identification O50 Cable Type 5 Jacket Color yellow 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 58 ± 3 Shore D Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (sheath) 4,3 mm Outer diameter (sheath) PP Amount wires 3 Outer diameter tolerance core insulation PP Amount wires 3 Outer diameter tolerance core insulation 74 ± 3 Shore D Ingredient freeness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 1,25 mm Conductor crosssection (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare		Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification O50 Cable Type 5 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wive arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare		<u> </u>
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 050 Cable Type 5 Jacket Color yellow 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 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 1 a shore D Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) <td< td=""><td>Note on bending radius</td><td></td></td<>	Note on bending radius	
Cable identification 050 Cable Type 5 Jacket Color yellow 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 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (speath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 24 ± 3 Shore D Ingredient freeness wire insulation 1,25 mm Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material wore free stranded copper wire, bare Material conductor wire Stranded copper wire, bare	Conformity	
Cable Identification 050 Cable Type 5 Jacket Color yellow 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 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance swire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation 1 and 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	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type 5 Jacket Color yellow 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 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 1 ± 3 Shore D Ingredient freeness wire insulation 1 ded-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 mm² Material conductor wire Stranded copper wire, bare	Installation Cable	
Jacket Color yellow 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 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1 + ± 3 Shore D Ingredient freeness wire insulation 1 ead-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 mm² Material conductor wire Stranded copper wire, bare	Cable identification	050
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 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	Cable Type	5
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation	Jacket Color	yellow
Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	Type of Certificate	cURus
wire arrangement brown, black, blue Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	Amount stranding	1
Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 25 % Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	Stranding	3 wires twisted
Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	wire arrangement	brown, black, blue
Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	Cable weigth	26,4 g/m
Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare	Material jacket	PUR
Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	Shore hardness jacket	58 ± 3 Shore D
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	Outer-diameter (jacket)	4,3 mm
Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	Material wire insulation	PP
Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	Amount wires	3
Shore hardness wire insulation 74 ± 3 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 mm² Material conductor wire Stranded copper wire, bare	Outer diameter insulation	1,25 mm
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 mm² Material conductor wire Stranded copper wire, bare	Outer diameter tolerance core insulation	± 5 %
Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare	Shore hardness wire insulation	74 ± 3 Shore D
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare		lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0,25 mm ² Material conductor wire Stranded copper wire, bare	Ingredient freeness wire insulation	
Material conductor wire Stranded copper wire, bare	Ingredient freeness wire insulation Amount strands (wire)	-
		32
Conductor type (wire) strand class 6	Amount strands (wire)	32 0,1 mm
	Amount strands (wire) Diameter of single wires	32 0,1 mm 0,25 mm ²

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02



Traversing distance (C-track)	5 m @ 25 °C horizontal
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	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 360 °/m