

M12 male 90° / M8 female 90° A-cod.

PUR 3x0.25 bk UL/CSA+drag ch. 1.5m

Male 90° - female 90°

M12 - M8, 3-pole

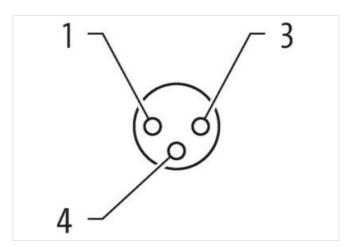
Plastic housings with good resistance against chemicals and oils.

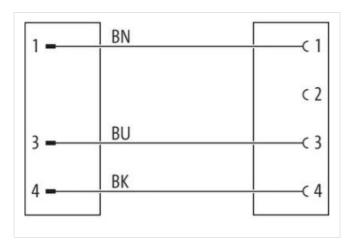
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

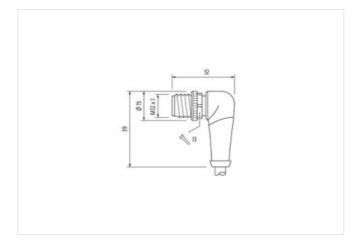
Link to Product

Illustration



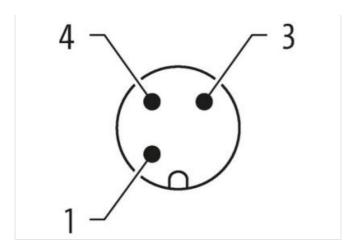








stay connected





Product may differ from Image











Cable length	1,5 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	4048879801010
Packaging unit	1
Electrical data Supply	



stay connected

Current operating per contect max. 4 A Device projection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Mechanical distal Material datal ***Contains of clining in material Conting locking Nickeled Conting of locking Inkeled and provision of the material of the material street womencition Mechanical data Mounting data ***Conting problems of the material street womencities Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic ***Conting temperature min. Operating temperature max. 85 °C Additional condition temperature range 65 °C Operating temperature max. 85 °C Additional condition temperature range 4 benefits of the connectors by suitable measures from mechanical loads. e.g. by the usage of cable lies. Note on bending radius Attention: Conserve the permissible bending radii when taying cables, as the IP protection class can be endangered by excessive bending forces. Conformity **Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 81076-2-114 (M8) In	Operating voltage AC max.	50 V
Operating per contact max. 4 A Device protection [Electrical] 4 A Additional condition protection degree incefled, screwed Pollution Degree 1.5 kV Additional group (IEC 50094-1) 1 Per control protection (IEC 50094-1) Coasing Inciding Nicklated Coasing Inciding Nicklated Coasing Inciding nicklated and Immediated (IEC 50094-1) Coasing Inciding nicklated Coasing Inciding nicklated Coasing of Inting nicklated Coasing of Inting nicklated Mountain greated Zinc de-casting Muterial sorw commodion Zinc de-casting Muterial greated and Immediated (IEC 50094-1) Immediate (IEC 50094-1) Environmental characteristics (Climater Department of the commodiate (IEC 50094-1) Environmental characteristics (Climater 85°C Operating temperature may 45°C	Operating voltage DC max.	60 V
Operating per contact max. 4 A Device protection [Electrical] 4 A Additional condition protection degree incefled, screwed Pollution Degree 1.5 kV Additional group (IEC 50094-1) 1 Per control protection (IEC 50094-1) Coasing Inciding Nicklated Coasing Inciding Nicklated Coasing Inciding nicklated and Immediated (IEC 50094-1) Coasing Inciding nicklated Coasing Inciding nicklated Coasing of Inting nicklated Coasing of Inting nicklated Mountain greated Zinc de-casting Muterial sorw commodion Zinc de-casting Muterial greated and Immediated (IEC 50094-1) Immediate (IEC 50094-1) Environmental characteristics (Climater Department of the commodiate (IEC 50094-1) Environmental characteristics (Climater 85°C Operating temperature may 45°C	Operating voltage AC (UL-listed)	30 V
Device protection Electrical Additional protection degree 1 inserted, screwed Pallusion Degree 3 Rated surge voltage 1,5 kV Material group (EC 90064-1) 1 Michanizal folial Methal data Webball of Methal Methal data Coating footing Nickeled Coating of filting nickeled Coating of filting 2me die casting Material grow connoction 2me de casting Material grow data grow connoction 2me de casting Material grow data grow connoction 25 °C Operating temperature min 25 °C Operating temperature max 85 °C Additional condition temperature max 85 °C Additional temperature max 85 °C Note on strain relef Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Operating voltage DC (UL-listed)	30 V
Additional condition protection degree inserted, screwed Pollution Degree 3 Alatidad surge voltage 1,5 NV Metherial group (IEC 60864-1) 1 Mechanical data (Material data) Nickeled Coating of fitting nickel plated Locking material 2m die casting Mechanical data (Muturial data) 3m feetel, screwel, Shaking protection Environmental characteristics (Climatic Provious Company) 45 °C Operating temperature max. 85 °C Additional condition temperature range (Environmental translation temperature range) deporting nuturial properature max. Note on bending radius Attention: Cleareve the permissible bending radii when laying cables, as the IP protection cleas can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Salazian (Marcial Publica) Attention: Cleareve the permissible bending radii when laying cables, as the IP protection cleas can be endangered by excessive bending forces. <td>Current operating per contact max.</td> <td>4 A</td>	Current operating per contact max.	4 A
Additional condition protection degree inserted, screwed Pollution Degree 3 Alatidad surge voltage 1,5 NV Metherial group (IEC 60864-1) 1 Mechanical data (Material data) Nickeled Coating of fitting nickel plated Locking material 2m die casting Mechanical data (Muturial data) 3m feetel, screwel, Shaking protection Environmental characteristics (Climatic Provious Company) 45 °C Operating temperature max. 85 °C Additional condition temperature range (Environmental translation temperature range) deporting nuturial properature max. Note on bending radius Attention: Cleareve the permissible bending radii when laying cables, as the IP protection cleas can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Salazian (Marcial Publica) Attention: Cleareve the permissible bending radii when laying cables, as the IP protection cleas can be endangered by excessive bending forces. <td>Device protection Electrical</td> <td></td>	Device protection Electrical	
Failed surge voltage 1, 5 kV Marterial group [EG 69664-1) Macharial group [EG 69664-1) Macharial group [EG 69664-1] Macharial screw connection Macharial group material Zinc die-casting Material screw connection Zinc die-casting Macharial screw connection Macharia screw c		inserted screwed
Rated surge voltage 1,5 kV Meteral group (EC 60664-1) 1 Coating locking Nickeled Coating locking Nickeled Coating of litting Coating Coating of litting Coating Coating of litting Coating Meteral screw connection Zinc die-casting Meteral characteristics Climatic Coperating temperature min. 25 °C Coperating temperature max. 25 °C Additional condition temperature range depending on cable quality Important Installation notes Note on sarian relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable biss. 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 81076-2-114 (M8) Installation Cable Cable identification 630 Cable iType 3 3 3 3 3 3 3 3 3 3	<u> </u>	
Material group (EC 60864.1) Mechanical data Material data Coating looking Nickeled Coating looking nickel plated Coating looking looking looking Coating looking l		
Mechanical data Material data Nickeled Coating of Ritting nickel plated Locking material Zinc die-ceating Material screw connection Zinc die-ceating Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Involved in a similar plate on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on bending radius Attention: Conserve the permissible bending radii when laying cables, as the IP protection class can be ordanged by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable intention 630 Cable intention 630 Cable intention 630 Cable intention 530 Cable intention 540 Stranding 1 Stranding 1 Muterial incet		<u> </u>
Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Environmental characteristics Climatic ST *C Operating temperature min. 25 *C Operating temperature max. 85 *C Operating temperature max. 85 *C Additional condition temperature max. 85 *C Note on bending from statilation notes Attentions: Observe the permissible bending radii when laying cables, as the IP protection class can be contangered by excessive bending forces. Conformity Attentions: Observe the permissible bending radii when laying cables, as the IP protection class can be contangered by excessive bending forces. Conformity Today of Cable identification 630 Cable identi	,	•
Coating of fitting nickel plated Locking material Zinc de-casting Material screw connection Zinc de-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Compariting temperature min. 25 °C Operating temperature max 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties. Note on sharin 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 enrichaged by secessive bending forces. Conformity Product standard BNE N 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Gable G80 Gasting and when laying cables, as the IP protection class can be enrichaged by secessive bending forces. Cable identification Gable G80 Gasting and when laying cables, as the IP protection class can be enrichaged by secessive bending forces. Cable installation Gable Gasting and protection of protection of protection of protection of protection of protection of protection	·	
Locking material Zinc die casting Material screw connection Zinc die casting Mechanicol 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 Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies. Note on briding 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 630 Cable identification 630 Cable identification Cable identification 630 Cable identification Cable identification 1 1 Stranding 1 1 Stranding 1 1 Stranding 3 wires twisted wire arrangement brown, black, bue Cable w		1 1 1 1
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 Very protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Very protect standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Section of Cable (Installation) 630 Cable (Installation) 630 Cable (Installation) 630 Cable (Installation) 630 Cable (Installation) 630 Cable (Installation) 10 Standard 10 Standard 10 Standard Use of Color Use of Color Use of Color 10 Standard 10 Standard		·
Mechanical data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climate Operating temperature min. 25°C Operating temperature min. 25°C Additional condition temperature range depending on cable quality Inportant 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 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 Cable identification 630 Cable Type 3 Jacked Color black Type of Certificate cURus Amount stranding 1 Stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigh 26,4 g/m Material jacket PUR Atterial jacket 904.5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 1,25 mm Material wire insulation 1,25 mm Outer diameter insulation 1,25 mm Diameter of single wires 0,1 mm Material conductor wire 0,25 mm² Material conductor wire 0,25 mm² Material conductor wire 0,55 mm²		
Mounting method inserted, screwed, Shaking protection Poperating temperature min. -25 °C		Zinc die-casting
Environmental characteristics Climatic Operating temperature min.	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 Total time connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Froduct standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation (Cable Cable federification 630 Cable identification 630 630 Cable dentification 630 630 Cable of Certificate CURUS Current strain (Cable Color Color Certificate Color Certificate Color Certificate Color Certificate Color Certificate	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. 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 630 Cable Type 3 Jacket Color black 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 Shore dameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Material wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Jouer diameter lolerance ore insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount wire of single wires 0,25 mm² Amount strands (wire) 32 Diameter of single wires 0,1 mm Conformity Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare	Environmental characteristics Climatic	
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 630 Cable identification 630 Cable (March 1992) Cable (Loor) black DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Jacket Color black Cable (March 1992) 3 Jacket Color black Cable (March 1992) 3 Jacket Color black Cutting Amount stranding 1 Stranding 3 wires twisted March 1992 March 1992 Amount	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 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 630 Cable type 3 Jacket Color black Type of Certificate cluring a swine stream of the control of the		85 °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. 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 dentification 630 Cable Type 3 Jacket Color black Type of Certificate cURIus 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 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm		
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. Product standard DIN En 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 630 Cable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 26,4 g/m Attential soket 9UR Shore hardness jacket 90±5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount wires 3 Outer diameter (sheath) ±5 % Shore hardness wire insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Canductor rowssection (wire) 32 Diameter of single wires 0,1 mm Canductor crosssection (wire) 0,25 mm² Material conductor wire, bare Stranded copper wire, bare	, , , , , , , , , , , , , , , , , , ,	
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Installation Cable Cable identification 630 Cable Type 3 Jacket Color black Type of Certificate cuPkus Amount stranding 1 Stranding 3 wires twisted wire arrangement Cable weight 26.4 g/m Material jacket 90 ± 5 Shore A Freedom from ingredients (jacket) Material wire insulation PP Amount wires 3 Outer diameter (sheath) \$1 + 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 10 + 12 Shore Amount strands (wire) 32 Cable weigh Accepted a single wires 32 Cuter diameter of single wires 32 Cuter diameter insulation 70 ± 5 Shore D Ingredient freeness wire insulation Amount strands (wire) 32 Conductor cosssection (wire) 0,25 mm² Material conductor wire Material conductor wire Stranded copper wire, bare Material conductor vire Material conductor wire Stranded copper wire, bare		District the connectors by suitable messages from mechanical leads of a by the upage of cable time
Contentity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable Identification 630 Cable Identification 630 Jacket Color black 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-claimeter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer claimeter insulation 1,25 mm Outer diameter tolerance core insulation 5 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 10 ± 5 Shore D Ingredient freeness wire insulation 10 ± 5 Shore D Diameter of single wires	Note on strain relier	
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 630 Cable Type 3 Jacket Color black 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 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation 2 ± 5 Shore D Ingredient freeness wire insulation 2 ± 5 Shore D Ingredient freeness wire insulation 2 ± 5 Shore D Diameter of single wires 0,1 mm Conductor crosssec	Note on bending radius	
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 630 Cable Type 3 Jacket Color black 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 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation 2 ± 5 Shore D Ingredient freeness wire insulation 2 ± 5 Shore D Ingredient freeness wire insulation 2 ± 5 Shore D Diameter of single wires 0,1 mm Conductor crosssec	Conformity	
Cable identification 630 Cable Type 3 Jacket Color black 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 % 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 70 ± 5 Shore D Ingredient freeness wire insulation 9 and free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crossection (wire) 0,25 mm² <td></td> <td>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)</td>		DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type 3 Jacket Color black 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 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter swire insulation 7 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 12 def-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	
Cable Type 3 Jacket Color black 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 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter swire insulation 7 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 12 def-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	630
Jacket Color black 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 % 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 mm² Material conductor wire Stranded copper wire, bare		
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 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core 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 mm² Material conductor wire Stranded copper wire, bare		black
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 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core 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 mm² Material conductor wire Stranded copper wire, bare		
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 % 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 mm² Material conductor wire Stranded copper wire, bare		1
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 % 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 mm² Material conductor wire Stranded copper wire, bare		3 wires twisted
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 wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 25 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation Ingredient freeness wire insulation 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 jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bare	<u> </u>	· · ·
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bare		-
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 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 mm² Material conductor wire Stranded copper wire, bare		
Outer-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bare	·	
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 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 mm² Material conductor wire Stranded copper wire, bare	Outer-diameter (jacket)	·
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 mm² Material conductor wire Stranded copper wire, bare		· · · · · · · · · · · · · · · · · · ·
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 mm² Material conductor wire Stranded copper wire, bare		
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 mm² Material conductor wire Stranded copper wire, bare		
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 mm² Material conductor wire Stranded copper wire, bare	Amount wires	3
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 mm² Material conductor wire Stranded copper wire, bare		
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
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare	Outer diameter insulation Outer diameter tolerance core insulation	1,25 mm ± 5 %
Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare	Outer diameter insulation Outer diameter tolerance core insulation	1,25 mm ± 5 % 70 ± 5 Shore D
Material conductor wire Stranded copper wire, bare	Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	1,25 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
	Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	1,25 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 32
Conductor type (wire) strand class 6	Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires	1,25 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 32 0,1 mm
	Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	1,25 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 32 0,1 mm 0,25 mm²

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)	10 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
UV resistance	DIN EN ISO 4892-2 A
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	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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m