

M8 male 0° / M12 female 0° A-cod.

PVC 4x0.25 bk UL/CSA 0.3m

Male straight – female straight M8 – M12, 4-pole M12, A-coded

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

Further cable lengths on request.

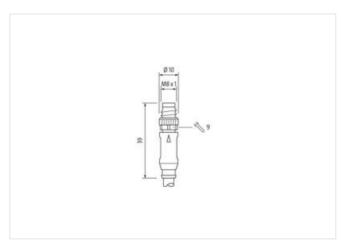
Plastic housings with good resistance against chemicals and oils.

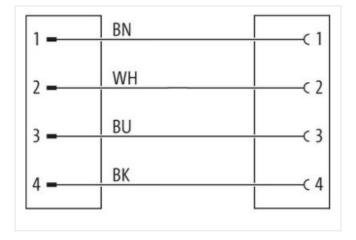
The resistance to aggressive media should be individually tested for your application. Further details on request.

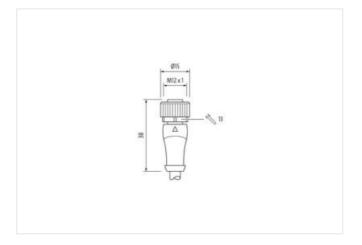
Link to Product

Illustration

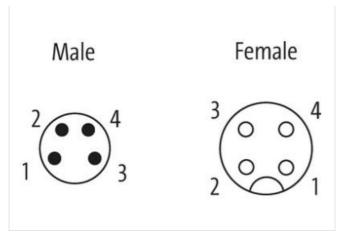












Product may differ from Image











Cable length	0,3 m
Side 1	
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 contact	Copper alloy
No. of poles	4
Width across flats	SW9
Side 2	
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 contact	Copper alloy
No. of poles	4
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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

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: 2024-04-25



stay connected

Cation starf number 85446290 GTN 4048679 123405 Packaging unit 1 Electrical data Supply 50 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per context max. 4 A Device protection [Electrical V Degree of protection (EN IEC 60023) IPBS, IPB7, IPB8, IPB0K Additional Condition protection degree 1 PBS, IPB7, IPB8, IPB0K Additional Condition protection (EN IEC 60023) IPBS, IPB7, IPB8, IPB0K Additional Condition protection (EN IEC 60023) IPBS, IPB7, IPB8, IPB0K Additional Condition protection (EN IEC 60023) IPBS, IPB7, IPB8, IPB0K Mactinal protection (EN IEC 60044) I Mechanical data Mactinal protection (EN IEC 60044) I Mactinal protection (EN	ETIM-5.0	EC001855
Packaging unit	customs tariff number	85444290
Part	GTIN	4048879123495
Part		
Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating per contact max. 4 A Device protection (EN IEC 60829) IP65, IP87, IP88, IP86K Additional condition protection degree 3 Rade stage voltage 1,5 kV Metherial group (IEC 60864-1) I Metherial proup (IEC 60864-1) I Metherial proup (IEC 60864-1) I Metherial possing Nickeled Casting locking Nickeled Material possing PUR Locking material Zinc dis-casting Mechanical data (Mounting data Inserted, scrowed, Shaking protection Environmental characteristics (Climatic Inserted, scrowed, Shaking protection Poperating temperature mix. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Product standard Din EN 61078-2-101 (M12), DIN EN 61076-2-114 (M8) <td></td> <td></td>		
Operating voltage AC (UL-listed) 50 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Device protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree Inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 606641) 1 Mechanic datal [Material data V Coating locking Nickeled Material gasket FRM Material gasket FRM Mounting method inserted, screwed. Shaking protection Environmental characteristics Climatic Contracting temperature max. Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Additional Condition temperature max. 85 °C Cable (open function) DIN EN 61076 2-101 (M12), DIN EN 61076 2-114 (M8) Installation Cable Li Cable (open function) 4 wires twisted A wires twisted 4 wires twisted Installation (activities) 4 wires twisted		50 V
Operating voltage AC (UL-listed) 30 Y Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Degree of protection Electrical Inserted, served Degree of protection Electrical Inserted, served Pollution Dogree 3 Raled surge voltage 1,5 kV Material group (IEC 606641) 1 Mechanical data Material data Coaling locking Nickeled Material gasket FKM Material probability PUR Locking material Zinc dis-casting Mcchanical data Mounting data Inserted, screwed, Shaking protection Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climate Operating temperature min. Operating temperature max. 85 °C Operating temperature max. 85 °C Conformity Product standard Institution Cablic Sobi dentification Galic Cable identification Galic Sobi dentification Galic Cable identificat		
Operating voltage DC (UL-lated) 30 V Current operating per contact max. 4 A Device protection [Electrical Delectrical		
Current operating per contact max. Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge vortage 1, 5kV Material group (IEC 60664 1) I Mechanical data Muterial data Casting locking Nickeled		
Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree 3 Rated surge voitage 1,5 kV Material group (IEC 80684+1) I Mechanical data Material date I Coating locking Nickeled Material glovely growing PUR Locking material ENK Mechanical data Mounting date Incended decasting Mechanical data Mounting date Incended date (IEC) Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. 25 °C Operating temperature man. 85 °C Additional condition temperature range 69 perding protection Environmental Cabracteristics Climatic Controll Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Controlling temperature man. 65 °C Cable Information C		
Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP6K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60684-1) I Coating locking Nickeled Material datal Material data FMM Material pasket FMM Material pasket FMM Material housing PUR Locking material Zin die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable installation Cable Cable identification 611 Cable identification 611 Jacket Color black Type of Certificate cURus Amount strangement <t< td=""><td></td><td>44</td></t<>		44
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voitage 1,5 kV Material group (IEC 60064-1) I Mechanical data Material data Coating locking Nickeled Material gasket FKM Material flousing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental char		
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (EC 60684-1) I Mechanical data Material data I Coating locking Nickeled Material gaskut FKM Material gaskut PUR Locking material Zine die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Institution Cable Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Institution Cable Environmental characteristics Cable (Activition Cable (
Raterial group (IEC 60684-1) 1 Material group (IEC 60684-1) 1 Mechanical data Material data Coating locking Nickeled Material gasket FKM Material pasket FKM Material housing PUR Locking material Zinc de-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Concentry Operating temperature min. -25 °C Operating temperature may. 85 °C Additional condition temperature range depending on cable quality Conformity DN En 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 611 Cable identification 611 Cable identification 611 Cable Type 1 4 4 Around stranding 1 4 4 Type of Certificate cURUs 4 4 Cable weighth 34.76 g/m 4 4 4 4	<u> </u>	· · · · · · · · · · · · · · · · · · ·
Material group (IEC 60664-1) I Mechanical data Material data Mechanical docting Nickeled Material gasket FKM Material possing PUR Locking material Zinc de-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. -25 °C Operating temperature man. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 611 Cable identification 611 Cable (Coor Type of Cortificate cURUs Amount stranding 1 Stranding View are arrangement brown, black, blue, white Cable weight 34,76 g/m Material jacket PVC Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) ± 5% Material protect ini		
Mechanical data Material data Nickeled Material gasket FKM Material pasket PKM Material lousing PUR Locking material 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 Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 611 Cable identificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white		1,5 kV
Coating locking Nickeled Material pasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, Screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25°C Operating temperature min25°C Additional condition temperature range depending on cable quality Contrinity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 611 Cable (Type 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (sheath) ± 5 % Material wire insulation PVC Anount wires 4 Outer diameter (sheath) ± 5 % Material products wire insulation 9 PVC Anound wires or insulation 1,25 mm Outer diameter (sheath) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material products wire insulation 9 pVC Shore hardness wire insulation 45 ± 5 Shore D Material propries wire insulation 1,25 mm Outer diameter bewere new lensulation 1,25 mm Outer diameter swel insulation 495 ± 5 Shore D Material propries wire insulation 1,25 mm Outer diameter swel insulation 1,25 mm	Material group (IEC 60664-1)	I
Material gasket FKM Material housing PUR Locking material 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 Contormity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable Identification 611 Saket Color black Type 1 Jacket Color black Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) ± 5 % Material wire insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter (sevent) 4,8 mm Tolerance outer diameter (sevent) ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D Material properties wire insulation 1 lead-free, cadmium-free, CFC-free, silicone-free Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 45 ± 5 Shore D Material properties wire insulation 1 lead-free, cadmium-free, CFC-free, silicone-free	Mechanical data Material data	
Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Contornity Froduct standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 611 Cable Type 1 1 Jacket Color black Type of Certificate cURus Amount stranding 1 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable wigh 34,76 g/m Material jacket PVC Shore hardness jacket 9VC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (sheath) ± 5 % Material wire insulation PVC Material wire insulation PVC Material wire insulation PVC Material wire insulation PVC Material wire insulation 1,25 mm Outer diameter tolerance core insulation 45 ± 5 5 hore D Material properties wire insulation 1 pood machinability Ingredient freeness wire insulation 1 pood machinability Ingredient freeness wire insulation 1 pood machinability Ingredient freeness wire insulation 1 lead-free, cadmium-free, CFC-free, silicone-free	Coating locking	Nickeled
Locking material Mounting data Mounting method Inserted, screwed, Shaking protection	Material gasket	FKM
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 Conformity Product standard DIN En 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 611 Cable Type 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material picket PVC Shore hardness jacket PVC Shore hardness jacket PVC Shore hardness jacket Backet Ba	Material housing	PUR
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 Conformity Froduct standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable Identification 611 Cable Type 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Outer diameter insulation 1,25 mm Outer diameter insulation 45 ± 5 Shore D Material properties wire insulation 1,25 mm Outer diameter tolerance core insulation 45 ± 5 Shore D Material properties wire insulation 1,26 free, cadmium-free, CFC-free, silicone-free Outer-diameter tolerance core insulation 45 ± 5 Shore D Material properties wire insulation 1,26 mm Outer diameter tolerance core insulation 45 ± 5 Shore D Material properties wire insulation 1,26 mm Outer diameter tolerance core insulation 1,26 mm Material properties wire insulation 1,26 mm Outer diameter tolerance core insulation 45 ± 5 Shore D	Locking material	Zinc die-casting
Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 611 Cable Type 1 Jacket Color black Type 0 certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 34,76 g/m Material piacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4.8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 45 ± 5 % Bhore hardness wire insulation 45 ± 5 % Dead from clamdenes of insulation 45 ± 5 % Dead from the swire insulatio	Mechanical data Mounting data	
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 611 Cable Type 1 Jacket Color Dlack Type of Certificate CURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34.76 g/m Material jacket PVC Shore hardness jacket Freedom from ingredients (jacket) Itel dad-free, cadmium-free, CFC-free, silicone-free Outer-diameter (sheath) Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter insulation Used Time PVC Material properties wire insulation At 5 5 Shore D Material properties wire insulation Qualification Material properties wire insulation Qualification Insulation Qualification Qualification PVC Material properties wire insulation Qualification Qualifi	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 611 Cable Type 1 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable wight 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4,8 mm Joulander of Journal of	Environmental characteristics Climatic	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 611 Cable Type 1 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable wight 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4,8 mm Joulander of Journal of	Operating temperature min	-25 °C
Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 611 Cable Type 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,78 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter or insulation 1,25 mm Outer diameter or insulation 1,25 mm Outer diameter roulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Operating temperature min.	20 0
Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 611 Cable Type 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Operating temperature max	85 °C
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable		
Installation Cable Cable identification 611 Cable Type 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range	
Cable identification 611 Cable Type 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity	depending on cable quality
Cable Type 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard	depending on cable quality
Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard	depending on cable quality
Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 45 ± 5 Shore D Material properties wire insulation Material properties wire insulation Material properties wire insulation Material properties wire insulation Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611
Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611
wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black
Cable weight 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus
Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted
Freedom from ingredients (jacket) Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m
Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A
Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A
Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm ± 5 %
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm ± 5 % PVC
Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm ± 5 % PVC 4
Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm ± 5 % PVC 4 1,25 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm ± 5 % PVC 4 1,25 mm ± 5 %
	Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm ± 5 % PVC 4 1,25 mm ± 5 % 45 ± 5 Shore D
Amount strands (wire) 14	Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm ± 5 % PVC 4 1,25 mm ± 5 % 45 ± 5 Shore D good machinability
A THOUSE CHILD (MIC)	Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm ± 5 % PVC 4 1,25 mm ± 5 % 45 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free



Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter