

M12 male 0° / M8 female 0° A-cod.

PVC 4x0.25 ye UL/CSA 0.5m

Male straight - female straight

M12 - M8, 4-pole

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

with cable sleeves

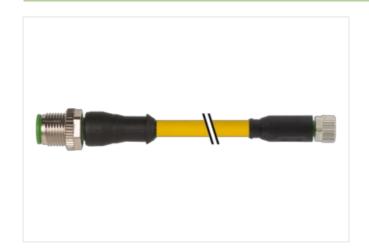
Plastic housings with good resistance against chemicals and oils.

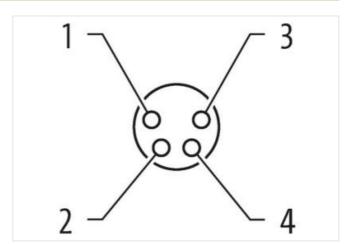
The resistance to aggressive media should be individually tested for your application. Further details on request.

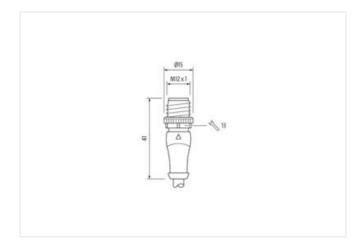
Further cable lengths on request.

Link to Product

Illustration



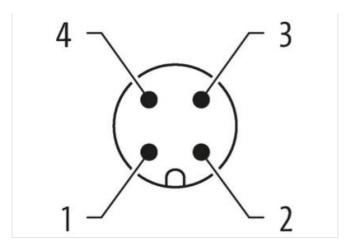


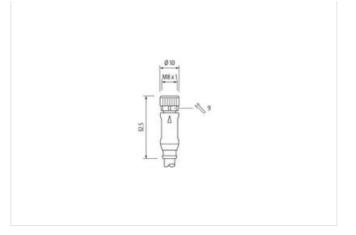






stay connected

















Cable length	0,5 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
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, 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 \emptyset)	6,5 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, 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



stay connected

ETIM-6.0 ECOD 1855 Quators and number	ECLASS-12.0	27060311
coations tariff number 85444290 OTIN 4048587930130 Perciacing 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 coreating per contact max. 4 A Diagnostics ************************************		
STINE 4948679790130 1 1 1 1 1 1 1 1 1		
Peach aging unit 1 Electrical data I Supply 50 V Operating voltage AC max. 60 V Operating voltage AC (Li-Islaed) 30 V Operating voltage AC (Li-Islaed) 30 V Current coparating per contact max. 4 A Device protection Electrical Activation and an additional condition protection degree Additional condition protection gleectrical Activation Degree Additional condition protection degree 3 Rated surge voltage 1,5 kV Mactivation (Line Supplemental of the Supplemental S		
Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating protonater max. 4 A Biagnostics Status indication LED no Device protection Electrical Machinary (September 1) Additional condition protection degree Inserted, screwed Pollution Degree 3 Radied surge voltage 1,5 kV Malerial group (IEC 60064-1) I Mechanical data Merital data Inserted, screwed Coating folding nickelpd Coating of fitting nickelpd Material gastet FKM Locking material Znc dis-casting Material gastet FKM Locking material Znc dis-casting Material gastet FKM Locking material Screwed, Shaking protection Environmental characteristics Climatic Currently Environmental characteristics Climatic Currently Operating temperature min. 25 °C Operating temperat		
Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL sisted) 30 V Operating voltage DC (UL sisted) 30 V Current operating per contact max. 4 A Description of Contract max. Max. Max. Max. Description of Pitting Max. Description of Pitting Max. Description of Pitting Max. Description of Pitting Max. Description of Contract Description of Contract Description of		
Operating voltage DC max 60 V Operating voltage AC (UL-listed) 30 V Oursett operating per contact max. 4 A Diagnostics ************************************		
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current Operating per contact max. 4 A Posignostics Status indication LED no Status indication LED inserted. sorewed Additional condition protection degree inserted. sorewed Pollution Degree 3 Rated surge voltage 1,5 kV Malorial group (EC 80664-1) I Mechanical datal Material data Coating locking Coating locking nickel plated Material grow cornection nickel plated Material grow cornection Zmc die-casting Mechanical datal Mounting data Mechanical datal Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics [Climatic Cogerating temperature min. Operating temperature min. 25 °C Operating temperature may. 25 °C Operating temperature may. 25 °C Conformity Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Taskel identification <td< td=""><td></td><td></td></td<>		
Operating voltage DC (UL-isleet) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (EC6 6964+1) I Mechanical data Material data Coating to olding Nickeled Coating to olding Nickeled Coating to fitting nickele plated Material group material Zinc dis-casting Mechanical data Muniting data Muniting method inserted, screwed, Shaking protection Mechanical data Muniting data Muniting method inserted, screwed, Shaking protection Environmental characteristics Climatic Diperating temperature min. 25 °C Operating temperature map. 35 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 81078-2-101 (M12), DIN EN 81078-2-114 (M8) Installation Cable Installation Cable Installation Cable Type of Certificate CURus Amount standing 1 Standing 4 wives wisited wire arrangement brown, black, blue, white Cable wight Assignment brown, black, blue, white Cable wight Assignment brown, black, blue, white Cable wight Assignment be completed by Control of the con		
Current operating per contact max. 4 A Diagnostics Status indication LED no Device protection [Electrical] Additional condition protection degree inserted, screwed Additional condition protection degree 3 Ratice surge voltage 1.5 k.V Material group (EC 60064+1) I Mechanical data Material data Mickeled Coating looking Nickeled Coating of filting nickel plated Material gasket PKM Locking material Zin die-casting Material screw connection Zin die-casting Material screw connection Zin die-casting Mechanical data Mounting data Mickeled Environmental characteristics Climatic Cimaterial properature max. Operating temperature max. 25 °C Additional condition temperature range depending on cable quality Controll Din En 61076-2-101 (M12), Din En 81076-2-114 (M8) Installation Cable Cable Type Cable identification Cable Cable identification Cable Cable identification Cable Cable identification Ca		
Diagnostics Status indication LED no Device protection [Electrica] Additional condition protection degree inserted, screwed Follution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60684-1) 1 Mechanical data Material data Incide plated Coating of Riting Nickeled plated Material gasket FKM Locking material Zinc de-casting Material gasket FKM Locking material Zinc de-casting Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Comparing temperature min. 25 °C Operating temperature min. 45 °C Comparing temperature min. 45 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Conformity Conformity Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Conformity Installation Cable Cable identification 01 <		
Status indication LED no Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 80684-1) I Mechanical data Material data Mechanical data Material data Coaling of fitting nickel plated Material gasket FKIM Locking material Zinc die-casting Mactrial screw connection Zinc die-casting Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic<		4 A
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voitage 1,5 kV Material group (EC 60664+1) I Mechanical data Material data I Coating locking Nickeled Coating locking Nickeled Coating locking Nickeled Coating locking PKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data 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 Conformity Volume temperature range of peening on cable quality Event of the protection of the	Diagnostics	
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc disc-casting Material screw connection Zinc disc-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature may. 85 °C Additional condition temperature range depending on cable quality Conting No 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable identification 011 Cable Type 1 Jacket Color yellow Yeps of Certificate cJR use Amount stranding 1 Stranding 4 wires twisted	Status indication LED	no
Pollution Degree 3 Rated surpe voltage 1,5 kV Material group (EC 60684-1) 1 Mechanical data Material data	Device protection Electrical	
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material serve vonnection 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 011 Cable identification 01 <	Additional condition protection degree	inserted, screwed
Material group (IEC 60684-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Environmental characteristics Climatic Coperating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Volume 10 No. 8 (1076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation (Cable Type) Cable identification 011 Cable identification (Cable Type) 1 Cable rype 1 1 Jacket Color yellow 1 Type of Certificate cURus Amount stranding 1 1 Stranding 4 vires twisted wire arrangement brown, black, blue, white Cable weight 34,76 g/m Material jacket P/C Shore hardness jacket	Pollution Degree	3
Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method 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 dentification 011 Cable dentification 011 Quality Type of Certificate cURus Amount stranding 1 Quality 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 Fre	Rated surge voltage	1,5 kV
Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. -25 °C Operating temperature many. 85 °C Additional condition temperature range depending on cable quality Contentity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Coble Cable Identification 011 Cable Grype 1 Jacket Color yellow Type of Certificate cURus Amount standing 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 34,76 g/m Material jacket PVC Shore A Freedom from ingredients (jacket) lead-free, cadmium-fre	Material group (IEC 60664-1)	1
Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. -25 °C Operating temperature many. 85 °C Additional condition temperature range depending on cable quality Contentity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Coble Cable Identification 011 Cable Grype 1 Jacket Color yellow Type of Certificate cURus Amount standing 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 34,76 g/m Material jacket PVC Shore A Freedom from ingredients (jacket) lead-free, cadmium-fre	Mechanical data Material data	
Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting method 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 Gable Cable identification 011 Cable identification 011 Cable identification 011 Cable to Cori yellow Yipe of Certificate cURus Amount stranding 1 1 Stranding 4 wires twisted 4 wires twisted wire arrangement brown, black, blue, white 2 Cable weight 34,76 g/m Material jacket P/C Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4.8 mm Tolerance outer diameter (Nickeled
Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depositing on cable quality Conformity Product standard DIN En 61076-2-101 (M12), DIN En 61076-2-114 (M8) Installation Cable Cable identification 011 Cable identification 011 Cable Vipe 1 Jacket Color yellow Type of Certificate cJR us Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigh 34,76 g/m Material jacket PVC Short andress jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4.8 mm <td></td> <td></td>		
Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 011 Cable Type 1 1 Jacket Color yellow 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 P/C 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 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 Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable (dentification) 011 Cable Type 1 1 Jacket Color yellow 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 ± S Shore A Freedom from ingredients (jacket) 4.8 mm Tolerance outer diameter (jacket) 4.8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4<		
Mechanical 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 Contomity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable Identification Cable Identification 011 Cable Type 1 Jacket Color yellow 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 1,25 mm Outer diameter tolerance core insulation 1,25		
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 011 Cable Type 1 1 Jacket Color yellow 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 ± S 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 jacket 1,25 mm Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %		
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 011 Cable Type 1 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 34,76 g/m Atterial 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 tolerance core insulation ± 5 % Outer diameter tolerance core insulation ± 5 % Outer diameter tolerance core insulation ± 5 %		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 011 Cable Type 1 Jacket Color yellow 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 Alterial wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %		
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 011 Cable Type 1 Jacket Color yellow 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 Alterial wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Occupation towards in the	
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 011 Cable Type 1 Jacket Color yellow 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) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Quiter diameter tolerance core insulation ± 5 % Outer diameter tolerance core insulation ± 5 % Outer diameter tolerance core insulation ± 5 %	Operating temperature min.	-25 °C
Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 011 Cable Type 1 Jacket Color yellow 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 %	<u> </u>	
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 011 Cable Type 1 Jacket Color yellow 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 %	Operating temperature max.	85 °C
Installation Cable Cable identification 011 Cable Type 1 Jacket Color yellow 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 %	Operating temperature max. Additional condition temperature range	85 °C
Cable identification 011 Cable Type 1 Jacket Color yellow 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 %	Operating temperature max. Additional condition temperature range Conformity	85 °C depending on cable quality
Cable Type 1 Jacket Color yellow 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 %	Operating temperature max. Additional condition temperature range Conformity Product standard	85 °C depending on cable quality
Jacket Color yellow 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 %	Operating temperature max. Additional condition temperature range Conformity Product standard	85 °C 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 tolerance core insulation ± 5 %	Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable	85 °C 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 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 %	Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011
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 %	Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011
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 %	Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011 1 yellow
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 %	Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011 1 yellow 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 %	Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011 1 yellow cURus 1 4 wires twisted
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 %	Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011 1 yellow cURus 1 4 wires twisted brown, black, blue, white
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 ± 5 %	Operating temperature max. 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	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011 1 yellow 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 %	Operating temperature max. 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	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011 1 yellow cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Operating temperature max. 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	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011 1 yellow 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 %	Operating temperature max. 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) 011 1 yellow 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
Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Operating temperature max. 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) 011 1 yellow 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 %	Operating temperature max. 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)	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011 1 yellow 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 %	Operating temperature max. 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	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011 1 yellow 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
	Operating temperature max. 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	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011 1 yellow 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
Shore hardness wire insulation 45 ± 5 Shore D	Operating temperature max. 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	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011 1 yellow 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
	Operating temperature max. 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 Outer diameter tolerance core insulation	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 011 1 yellow 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 %

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: 2024-04-26



stay connected

Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm ²
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
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
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