

M8 male 0° / M8 female 0° A-cod.

PVC 4x0.25 gy UL/CSA 5m

Male straight - female straight

M8 - M8, 4-pole

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

Plastic housings with good resistance against chemicals and oils.

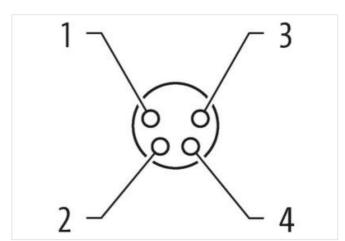
The resistance to aggressive media should be individually tested for your application. Further details on request.

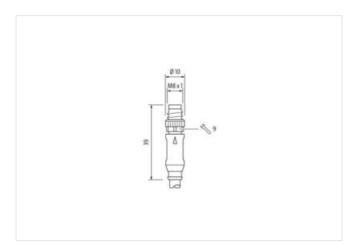
Further cable lengths on request.

Link to Product

Illustration



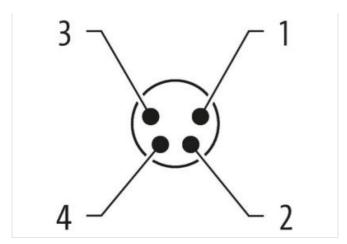


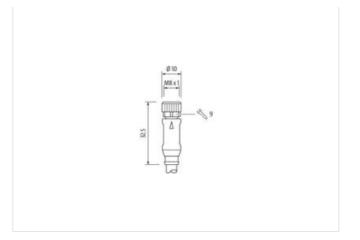






stay connected









Cable length





5 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
Material contact	Copper alloy
No. of poles	4
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	4
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
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879130301
Packaging unit	1
Electrical data Supply	



stay connected

Operating voltage DG max 60 V Operating voltage AC (VIL-listed) 30 V Operating voltage DC (VIL-listed) 30 V Current operating per contact max. 4 A Degree of protection (EN IEC 60529) Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screward Pollution Degree 3 Rated surge voltage 1,5 NV Material group (IEC 60664-1) I Mechanical data Material data Inserted (Secondary Inserted) Costing locking Nickeled Material probability FKM Material probability PUR Locking material Zinc dis-easting Mochanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climbia Coperating temperature min. Operating temperature min. 25 °C Operating		
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Degreating voltage per contact max. 4 A Degree of protection (EDC Decirion) IP05, IP67, IP68, IP66K Additional condition protection degree Inserted, screwad Pollution Degree 3 Ration surpe voltage 1,5 kV Material group (EC 606641) I Mechanical datal Material data V Coaing fooking Nickeled Material group (EC 606641) I Mechanical datal Material datal PM Mechanical datal Mounting data PM Mechanical datal Mounting data Inserted, screwed, Shaking protection Environmental characteristics [Climatic Operating temperature min. Operating temperature min. 25 °C Operating temperature min. 25 °C Operating temperature max. 85 °C Action and condition temperature range depending on cable quality Important installation notes Note on bending radius Note on bending radius DIN EN 61076 2-114 (MB)	Operating voltage AC max.	50 V
Operating voltage DC (UL lieleto) 30 V Current operating per contact max. 4 A Disposation VIII. Status indication LED Device protection Electrical VIII. Status indication LED Degree of protection Electrical Pollution of protection diagree of protection diagree (Insertical acrowad) Additional condition protection diagree (Insertical acrowad) 15 kV Additional condition protection diagree (Insertical acrowad) 15 kV Meterial group (IEC 60684-1) I Mechanical data Material data Kinchinal diagree (Insertical acrowad) Coating looking Nickeled Material proving (IEC 60684-1) Material proving (IEC 60684-1) I'I. Mechanical data Material data Kinchinal data Material data Material data Coating looking All footing data Inserted -easing Mechanical data Mounting data Inserted -easing Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Inserted -easing Mounting method 16 eracting -easing on cable quality Important installation notes 18 °C Note on benefing radius Alterional Coating -easing -easi		60 V
Current operating per contact max. Diagnostics Status indication LED no Device protection [Electrical Degree of protection (EN IEC 60329) Rediction protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60824) Mechanical datal Material data Coating locking Mickeled Material gasket FRAM Material gasket FRAM Material gasket Mechanical datal Mounting data Muchanical datal Mounting data Muchanical datal Mounting data Muchanical datal Mounting data Muchanical datal Mounting data Material protection (Emperature mix. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on barrian relief Note on barrian relief Din En 6175 2-114 (MB) Installation Cable Cable identification 211 Cable rype of Certificate Cable identification 212 Stranding 4 wires twisted West arrangement 5 For Shore hardness sicket 8 5 F S Shore A Freedom from ingredients (gicket) 4 West revised Freedom from ingredients (gicket) 4 Stranding 4 West revised Freedom from ingredients (gicket) 4 Stranding 4 West revised Freedom from ingredients (gicket) 4 Stranding 5 For Coderforms Freedom from ingredients (gicket) 4 Stranding 5 For Coderforms Freedom from ingredients (gicket) 4 Stranding 5 For Coderforms Freedom from ingredients (gicket) 4 Stranding 5 For Coderforms Freedom from ingredients (gicket) 4 Stranding 5 For Coderforms Freedom from ingredients (gicket) 6 For Certificate Cuter-diameter (gicket) 4,8 mm Material gicket Freedom from ingredients (gicket) Freedom freed		
Diagnostics		
Status indication LED no Device protection Electrical Degree of protection (EN IEC 80829) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 806841) I Mechanical data Material data Coating locking Nickeled Material possible PUR Locking material Coating locking PUR Locking material Coating locking PUR Mechanical data Mounting data Mounting method depending on cable quality Mounting method Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies. Note on bending radius Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by successive bending forces. Contormity Product standard Din En 61076-2-114 (M8) Institute Mounting data Mount	Current operating per contact max.	4 A
Device protection Electrical Degree of protection (EN IEC 60829) IP68, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Politation Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60864-1) I Mechanical data Material data Coating locking Nickeled Material gasket FKM Material gasket FKM Material gasket FKM Material pasket TKM T	Diagnostics	
Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 1,5 kV Material group (IEC 80684-1) I Mechanical data Material data Coating locking Nickolied Material gasket FKM Material housing PUR Locking material Zor die-casting Mechanical data Mounting data Wechanical data Mounting data Muniting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °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 strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Disc in Silvand (strain) <	Status indication LED	no
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 Coating locking Nickeled Material pasket FKM Material housing PUR Locking material Discovery Purpose of Carling locking Material data Mechanical data Mounting data Mounting data PuR Locking material Discovery Purpose of Carling locking PuR Mechanical data Mounting data Mounting data Mechanical data Mounting data Mounting data Mechanical data Mounting data Methalia data Mounting data M	Device protection Electrical	
Poliution Degree 3 Rated surge voitage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Nickeled Material gasket FKM Material gasket FKM Material powing 2inc die-casting Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on bending radius 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 61076-2-114 (M8) Installation Cable 211 Cable danification 211 Cable danification 211 Cable Type 1 Jacket Color gray Type of Certificate cURus Amount stranding </td <td>Degree of protection (EN IEC 60529)</td> <td>IP65, IP67, IP68, IP66K</td>	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Pollution Degree 3 Rated surge vottage 1,5 kV Material group (IEC 60664+1) I Mechanical data Material data Nickeled Material gasket FKM Material gasket FKM Material pounting PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on bending radius 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 61076-2-114 (M8) Installation Cable 211 Cable dantification 211 Cable dantification 211 Cable Type 1 Jacket Color gray Type of Carificate <td< td=""><td>Additional condition protection degree</td><td>inserted, screwed</td></td<>	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) Mechanical data Material data Coating locking		3
Mechanical data Material data 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 Comparing temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief 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. Note on strain relief 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. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief	Rated surge voltage	1,5 kV
Coating locking Nickeled Material pasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature man. 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 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. Contemity Product standard DIN EN 61076-2-114 (MB) Installation Cable Cable dendrification 211 Cable identification 211 Cable (dentification) 211 Cable (doring the product standard) 1 1 Type of Certificate culfus 1 Amount stranding 4 wires twisted	Material group (IEC 60664-1)	I
Coating locking Nickeled Material pasket FKM Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature man. 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 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. Contemity Product standard DIN EN 61076-2-114 (MB) Installation Cable Cable dendrification 211 Cable identification 211 Cable (dentification) 211 Cable (doring the product standard) 1 1 Type of Certificate culfus 1 Amount stranding 4 wires twisted		
Material passket FKM Material pousing 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 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 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 4 wires triviale Cable weigh 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 products and insulation insul		Miskolad
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 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. Contormity Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray Type of Certificate cURsus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 94,76 g/m Material wire insulation 19VC Material wire insulation 4,8 mm Tolerance outer diameter (sheath) ±5 % Material wire insulation PVC		
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 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 61076-2-114 (M8) Installation Cable Cable Identification 211 Cable Type 1 Jacket Color gray 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) ead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) + 5 % Material wire insulation numbers of the carbon ingredients (sheath) + 5 % Material wire insulation numbers and insulation processing the carbon ingredients (sheath) + 5 % Material wire insulation numbers and insulation processing the carbon ingredients (sheath) + 5 % Material wire insulation processing the carbon ingredients (sheath) + 5 % Material wire insulation processing the carbon ingredients (sheath) + 5 %	<u> </u>	
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 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 61076-2-114 (M8) Installation Cable 211 Cable identification 211 Cable dentification 211 Jacket Color gray 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 Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 %		
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. 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 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray 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 + Shore A Freedom from ingredients (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC		Zino die-casting
Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. 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 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray 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 (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC		
Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray Type of Certificate Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Currountly Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray Type of Certificate culRus 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) 4,8 mm Tolerance outer diameter (sheath) PVC	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 211 Jacket Color gray 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) ± 5 % Material wire insulation PVC	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray 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) ± 5 % Material wire insulation PVC	Operating temperature min.	-25 °C
Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray 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) ± 5 % Material wire insulation PVC	Operating temperature max.	85 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray 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) ± 5 % Material wire insulation PVC	Additional condition temperature range	depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray 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	Important installation notes	
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray 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	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray 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	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 211 Cable Type 1 Jacket Color gray 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	Conformity	
Cable identification 211 Cable Type 1 Jacket Color gray 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	•	DIN FN 61076-2-114 (M8)
Cable identification 211 Cable Type 1 Jacket Color gray 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		5.11. 2.1. 0.1. 0.2 1.1. (11.0)
Cable Type 1 Jacket Color gray 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	·	
Jacket Color gray 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		
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 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		
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	**	
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		
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		
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	-	
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		-
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) ### 4,8 mm ### 5 % Material wire insulation PVC		
Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC	•	
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC		
Material wire insulation PVC	Outer-diameter (jacket)	4,8 mm
	Tolerance outer diameter (sheath)	±5%
Assembly	Material wire insulation	PVC
Amount wires 4	Amount wires	4
Outer diameter insulation 1,25 mm	Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation $\pm 5 \%$	Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation 45 ± 5 Shore D	Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation good machinability	Material properties wire insulation	good machinability
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free

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: 2024-05-13



Amount strands (wire)	14
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
Nominal voltage AC max.	300 V
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
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter