

M8 female 90° A-cod. with cable

PUR 4x0.25 gy UL/CSA+drag ch. 25m

Female 90° M8, 4-pole

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

with cable sleeves

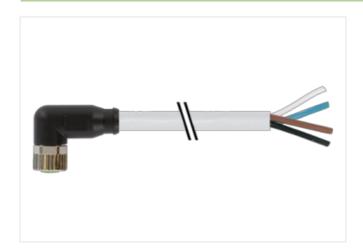
Plastic housings with good resistance against chemicals and oils.

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

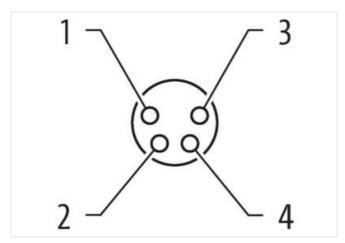
Further cable lengths on request.

Link to Product

Illustration









Product may differ from Image











Cable length

25 m

Side 1

Tightening torque

0,4 Nm

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: 2024-05-18



stay connected

Coating contract gold plated Family construction from M8 x 1 Thread M8 x 1 Cable coulted angled Coding A Muterial contact Copper aloy Metarial Contact Copper aloy Metarial Contact Copper aloy Methic across fasts 8W9 Degree of protection (EN ISC 60529) PUR Shipping length (facket) 20 mm Coating contact gold plated Family construction from free cable and Commercial data 2779218 ECLASS-6.0 2779218 ECLASS-7.0 27279218 ECLASS-8.0 2779218 ECLASS-8.0 2790218 ECLASS-8.0 2790218 ECLASS-8.1.1 27000311 ECLASS-8.1.2 27000311 ECLASS-1.1 27000311 ECLASS-1.1 27000311 ECLASS-1.1 0.0 ECLASS-1.2 0.0 COMER of the proper of th	Mounting method	inserted, screwed
Family construction from M8 Threato M8 x 1 autilation for corrugated tube (internal 0)		<u> </u>
Thread		
suitable for corrugated tube (internal Ø) 6.5 mm Cable outlet angled Cocking A Malierial contact Copper alloy No. of poles 4 Width across flats SW9 Begree of protection (EN IEC 60529) IP58, IP66K, IP67 Side 2 Side 2 Stopping length (jacket) 20 mm Costing contact gold plated Family construction form fee cable end Commercial date Commercial date ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 9.0 27068311 ECLASS 9.0 27068311 ECLASS 1.1 27069311 ECLASS 1.2 27069311 ECLASS 1.1 27069311 ECLASS 1.2 27069311 ECLASS 1.2 27069311 ECLASS 1.2 27069311 ECLASS 1.2 2707931 Packaging unit 1 Electrical data I Supply Operating voltage AC max. 50 V Operating voltage AC max		
Cable outlet angled Coding A Material contact Copper alloy Material PUR No. of poles 4 With across flats SW9 Degree of protection (EN IEC 80529) IPSS, IPSS, IPSS Side 2 Stripping length (acket) Stripping length (acket) 20 mm Coating contact gold plated Family construction form free acids ord CECLASS 6.0 27279218 ECLASS 9.0 27279218 ECLASS 9.0 27279218 ECLASS 9.0 27279218 ECLASS 9.0 27090311 ECLASS 9.0 27090311 ECLASS 9.0 27090311 ECLASS 9.1.1 27090311 ECLASS 9.2 27080311 ECLASS 9.1.2 27080311 ECLASS 9.1.3 27090311 ECLASS 9.0 27090311		
Coding A Material contact Copper alloy Mactrial contact Copper alloy No. of poles 4 Width across fets SW9 Degree of protection (EN IEC 80529) IP66, IP66K, IP67 Side 2 Stripping length (jacket) Conting contact gold plated Family construction form fee cable end Commercial data Commercial data ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27060311 ECLASS 8.1.1 27060311 ECLASS 8.1.2 27060311 ECLASS 8.1.1 27060311 ECLASS 8.1.2 27060311 ECLASS 8.1.1 27060311 ECLASS 8.1.1 27060311 ECLASS 9.1.1 4048874874874 Packagng unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC max. 60 V <		
Material contact Copper alloy Material PUR No. of poles 4 Width access flats SW9 Degree of protection (EN EC 60529) PP65, P966, P967 Side 2 Stripping length (locker) Side 2 Stripping length (locker) Side 3 20 mm Commercial data Commercial data ECLASS-6.0 27278218 ECLASS-7.0 27278218 ECLASS-8.0 27278218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.1 30.00		
Meterial PUR No. ol poles 4 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP68K, IP67 Side 2 Simple of protection (EN IEC 60529) Simple of protection (EN IEC 60529) 20 mm Coaling contact gold plated Family construction form rec cable end Commercial date ECLASS-6.0 ECLASS-6.0 227278218 ECLASS-7.0 277278218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 Packaging unit 1 Electrical data I Supply Operating voltage DC max. 50 V Operating voltage DC max. 50 V Ope		
No. of policies 4 Width acoss flats SW9 Degree of protection (EN IEC 60029) IP86, IP66K, IP67 Side 2 Stripping length (facker) 20 mm Sealing contact gold plated Family construction form free cable end Commercial date ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 2779218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-9.1.1 27060311 ECLASS-11.2 27060311 ECLASS-12.0 27060311 ECLASS-13.1 27060311 ECLASS-10.1 27074187 Opprafaging upit 1 Electrical data [**Templ		
Width across falls SV9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Strigo Jang (Jackot) 20 mm Coating contact gold plated Family construction from fee cable and Commercial data ECLASS-6.0 27279218 ECLASS-7.0 227279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ETIM-5.0 ECOM1855 Customs staff number 85444290 GTIN 4048879748674 Packaging unit 1 Electrical data Supply 1 Electrical data Supply 50 V Operating voltage AC (Max. 50 V Operating voltage AC (W. Listed) 30 V Current operating per contact max. 4 A Diagnosities 3 Sitiats indication LED no	No. of poles	4
Sibe 2 Stripping length (jacket) 20 mm Coating contact gold plated Family construction form free cable end Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27090311 ECLASS-9.1 27090311 ECLASS-10.1 27090311 ECLASS-12.0 27090311 ECLASS-10.1 27090	Width across flats	SW9
Sibe 2 Stripping length (jacket) 20 mm Coating contact gold plated Family construction form free cable end Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27090311 ECLASS-9.1 27090311 ECLASS-10.1 27090311 ECLASS-12.0 27090311 ECLASS-10.1 27090	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Coating contact gold plated Family construction form free cable end Commercial data ************************************		
Coating contact gold plated Family construction form free cable end Commercial data ************************************	Stripping length (jacket)	20 mm
Family construction form free cable end Commercial data ECLASS 6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 ECDIRES customs tariff number 85444290 GTIN 4048879748674 Packaging unt 1 Electrical datal Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating por contact max. 4 A Diagnostics Stitus indication LED no Installation [Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection [Electrical Additional condition protection degree inserted, screwed <td></td> <td>gold plated</td>		gold plated
Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 Lustom taiff number 8544290 GTIN 4048879748674 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostic Status indication LED no Installation Connection Stripping length (lacket) Mounting set M8 x 1 Device protection Electrical Additional condribon protection degree inserted, screwed Pollution Degree 3 Rated surge voltage <td></td> <td></td>		
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27260311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC031855 customs tariff number 85444290 GTIN 404879748674 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage AC (IU-listed) 30 V Oursent operating per contect max. 4 A Diagnostics Status indication LED Stitus indication LED no Installation Connection Stripping length (jacket) <t< td=""><td></td><td></td></t<>		
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 8544420 GTIN 4048379748674 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating operating per contact max. 4 A Diagnostics Status indication LED Stitus indication LED no Installation Connection Stripping length (jacket) Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material gasket FKM Locking material Z		27970210
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 tarff number 85444290 GTIN 4048879748674 Packaging unit 1 Electrical data Supply V Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) Stripping length (jacket) 20 mm Mounting set Max 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material gooking Nickeled Coating oking <t< td=""><td></td><td></td></t<>		
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 4048879748674 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (U.L.Isited) 30 V Operating voltage DC (U.L.Isited) 30 V Operating voltage DC (U.L.Isited) 30 V Operating voltage DC (U.L.Isited) 30 V Current operating per contact max. 4 A Diagnostics Status indication LD no Installation Connection Status indication LEC Macunity (acket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Bated surge voltage 1,5 kV		
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879748674 packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material gasket I Coating oloking Nickeled <		
ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879748674 Packaging unit 1 Electrical data Supply Operating voltage AC max. 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 contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Meterial goaket PKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879748674 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material scr		
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879748674 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree 3 Poliution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Meterial screw connection Zinc die-casting		
customs tariff number 85444290 GTIN 4048879748674 Packaging unit 1 Electrical data Suppty 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 Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 6664-1) I Mechanical data Material data Coating of fitting nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting		
GTIN 4048879748674 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical 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 Mickeled Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics V Status indication LED no Installation Connection V Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Metrial data Coating locking Coating locking Nickeled Coating locking nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Electrical data Supply 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 Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical 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 I Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
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 Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical 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 I Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical 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 Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		EO V
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical 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 Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical 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 Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting		
Current operating per contact max. 4 A Piagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical 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 Coating of fitting nickel plated Material gasket FKM Locking material Screw connection Zinc die-casting Material screw connection Zinc die-casting		
Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Pevice protection Electrical 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 of fitting nickel plated Material gasket FKM Locking material Material screw connection Zinc die-casting		
Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical 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 Coating of fitting nickel plated Material gasket FKM Locking material Material screw connection Zinc die-casting Material screw connection Zinc die-casting		70
Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical 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 Coating of fitting nickel plated Material gasket FKM Locking material Material Screw connection Zinc die-casting Material screw connection Zinc die-casting		•
Stripping length (jacket) Mounting set Mounting set Additional condition protection degree Pollution Degree 3 Rated surge voltage Atterial group (IEC 60664-1) Mechanical data Material data Coating locking Nickeled Coating of fitting Material gasket Locking material Material screw connection Zinc die-casting Material screw connection Zinc die-casting		110
Mounting set M8 x 1 Device protection Electrical 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 Coating of fitting nickel plated Material gasket FKM Locking material Material screw connection Zinc die-casting	•	
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Screw connection Zinc die-casting Material screw connection Zinc die-casting		
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 Coating of fitting nickel plated Material gasket FKM Locking material Screw connection Zinc die-casting Material screw connection Zinc die-casting		M8 x 1
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Screw connection Zinc die-casting	Device protection Electrical	
Rated surge voltage 1,5 kV Material group (IEC 6064-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Material screw connection Zinc die-casting		inserted, screwed
Material group (IEC 60664-1) Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Material screw connection I locking material	Pollution Degree	
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	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	Material group (IEC 60664-1)	
Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting	Mechanical data Material data	
Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting	Coating locking	Nickeled
Locking material Zinc die-casting Material screw connection Zinc die-casting	Coating of fitting	nickel plated
Material screw connection Zinc die-casting	Material gasket	FKM
	Locking material	Zinc die-casting
Mechanical data Mounting data	Material screw connection	Zinc die-casting
	Mechanical data Mounting data	



stay connected

Mounting method	inserted, screwed, Shaking protection
-----------------	---------------------------------------

Modifiling method	· · · · · · · · · · · · · · · · · · ·
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.
Note on Strain relief	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-104 (M8)
Installation Cable	
Cable identification	231
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	33 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	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 (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min