

M8 female 0° A-cod. with cable

PUR 4x0.25 gy UL/CSA 3m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female straight

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.

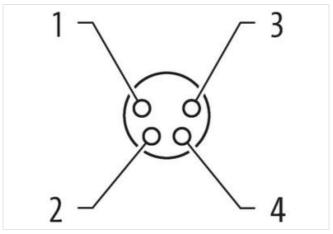
Further cable lengths on request.

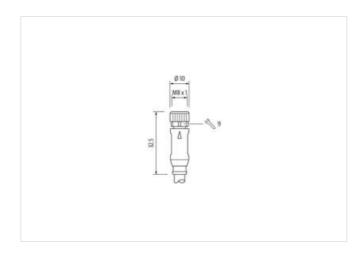
Link to Product

Illustration









Product may differ from Image













stay connected

Coating contact gold plated Family construction form M8 Through M8 x 1 suitable for corrugated tube (internal (9)) 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, IP66, IP67 Side 2 Side 2 Stripping length (soket) 20 mm Coating contact gold plated Family construction form free cable and Coating contact gold plated Family construction form free cable and Coating contact gold plated Family construction form free cable and ECLASS 6.0 2 2778218 ECLASS 8.0 2 2779218 ECLASS 9.0 2 2779218 ECLASS 9.0 2 2706311 ECLASS 9.1 2 7060311 ECLASS 9.1.1 2 7060311 ECLASS 9.1.2 2 7060311 ECLASS 9.1.3 2 7	Cable length	3 m	
Mauriting method inserted, screwed Coating contact gold plailed Thread M8 Thread M8 1 Standard contact M8 Thread M8 1 Standard contact Copper alloy Material contact PUR No. ol poles 4 Width across fiels SW9 Degree of protection (EN IEC 00529) PES, IPG6K, IPS7 Side 2 Sitpping length (jacket) 20 mm Coating contact gold plated Tearly construction form free cable and Commercial data COLASS-8.0 27279218 COLASS-8.0 27279218 COLASS-8.1 27279218 COLASS-9.0 27279218 COLASS-9.0 27279218 COLASS-9.0 27279218 COLASS-9.0 27279218 COLASS-9.0 27279218 COLASS-9.0 27060311 COLASS-9.0 27060311 COLASS-9.0 2706031 COLASS-9.0 270603	Side 1		
Mounting method Inserted, screwed	Tightening torque	0,4 Nm	
Family construction form	Mounting method	inserted, screwed	
Family construction form	Coating contact	gold plated	
suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR No. of polies 4 Width across flats SW9 Degree of protection (ENIEC 60529) PPS, IP6K, IP67 Side 2 Stripping length (jacket) 20 mm Coaling contact gold plated Family construction form free cable end Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 22779218 ECLASS-8.1 27060311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ECLASS-1.3 27060311 ECLASS-1.4 27060311 ECLASS-1.5 27060311 ECLASS-1.6 60018 ECLASS-1.7 27060311 ECLASS-1.8 60018 ECLASS-1.1	Family construction form		
Coding A Material contact Copper alloy No. of poles 4 Width across flats SW9 Degree of protection (ENIEC 60529) IP65, IP66K, IP67 Slote 2 Surpiging longth (jacket) 20 mm Conding contact gold plated Family construction form free cable end Commercial data ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 6.1 27279218 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 1.1 27060311 ECLASS 1.2 27060311 ECLASS 1.3 27060311 ECLASS 1.4 27060311 ECLASS 1.5 20000185 cuations faulf number 85444200 GTIN 4048879229876 Packaging unit 1 Electrical data Supply Operating voltage DC (DLI-listed) 30 V Operating voltage DC (DLI-listed) 30 V	Thread	M8 x 1	
Material contact Copper alloy Material and PUR No. of poles Width accoss flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Family construction form free cable and Coating contact Coating contact <td cols<="" td=""><td>suitable for corrugated tube (internal Ø)</td><td>6,5 mm</td></td>	<td>suitable for corrugated tube (internal Ø)</td> <td>6,5 mm</td>	suitable for corrugated tube (internal Ø)	6,5 mm
Material PUR No. of poles 4 Width across flats SW9 Degree of protection (EN IEC 60529) IP68, IP68K, IP67 Side 2 Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Family construction form free cable and Commercial data Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-6.2 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ETIM-5.0 ECORDITION FEMALE STATE S	Coding	A	
No. of poles 4 Width across flats 5W9 Degree of protection (EN IEC 60529) IPBS, IPBS	Material contact	Copper alloy	
Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Page of protection (EN IEC 60529) IP65, IP66K, IP67 Stripping length (jacket) 20 mm Coating contact gold plated Family construction from free cable end Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 2760311 ECLASS-10.1 2760311 ECLASS-11.1 2760311 ECLASS-11.1 2760311 ECLASS-11.1 2760311 ECLASS-11.1 2760311 ECLASS-11.1 2760311 ECLASS-10.1 2760311 ECLASS-10.1 2760311 ECLASS-10.1 2760311 ECLASS-10.1 2760311 ECLASS-10.1 2760311 ECLASS-10.1	Material	PUR	
Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Family construction form free cable end Commercial data ECILASS-6.0 27279218 ECILASS-6.1 27279218 ECILASS-7.0 27279218 ECILASS-9.0 27060311 ECILASS-9.0 27060311 ECILASS-9.0.1 27060311 ECILASS-10.1 27060311 ECILASS-12.0 27080311 CELASS-12.0 27080311 ECILAS-12.0 27080311 ECILAS-12.0 27080311 ECILAS-12.0 27080311	No. of poles	4	
Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Family construction form fee cable end Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27000315 ECLASS-12.0 27000311 ECLASS-12.0 27000311 ECLASS-12.0 27000311	Width across flats	SW9	
Stripping length (jacket) 20 mm Galing contact gold plated Galing contact gold plated Galing contact Galing c	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Coating contact gold plated	Side 2		
Coating contact gold plated Family construction form fee cable end Commercial data Commercial data ECLASS-6.0 27279218 ECLASS-6.1 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 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879229876 Packaging unit 1 Electrical data Supply Voperating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (U-listed) 30 V Operating voltage AC (U-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Max 1 Publication Repetition Electrical Additional condition protection degree inserted, screwed Pollution Degree 3	Stripping length (jacket)	20 mm	
Family construction form fee cable end Commercial data Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 E001855 customs tariff number 85444290 GTIN 4048879229876 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (U.L-listed) 30 V Operating voltage DC max. 60 V Operating voltage DC (U.L-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Diagnostics Status indication LED no Diagnostics Status indication LED no		gold plated	
Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 ECO01855 customs tariff number 8544290 GTIN 404887929876 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 LD no Installation Connection Stripping length (jacket) Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge vol			
ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC03155 customs tariff number 85444290 GTIN 404879229876 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V 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 Status indication LED no University of the period of th			
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 40489292876 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 30 V Status indication LED no Installation Connection Next yes 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		27270218	
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 EC001855 customs tariff number 85444290 GTIN 4048879229876 Packajing unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 80 V Operating voltage AC (UL-listed) 80 V Operating voltage AC (UL-listed)			
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 4048879229876 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 voltage DC (UL-listed) 30 V Operating per contact max. 4 A Pilostalidation LED Installation Connection Stripping length (jacket) Pull (jacket) Pull (jacket) Pull (jacket) Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Mechanical data Material data Coating locking Nickeled Coating lock			
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC01855 customs tariff number 85444290 GTIN 404879229876 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 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) 1 Mechanical data Material data Coating locking Coating locking Nickeled			
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 8544290 GTIN 4048879229876 Packaging unit 1 Electrical data Suppty V Operating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage AC (U.I-listed) 30 V Operating voltage DC (U.I-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 (EC 60664-1) I Mechanical data Material data Coating locking Nickeled			
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879229876 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (Ulisted) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Urrent operating per contact max. 4 A Diagnostics Status indication LED Installation Connection 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 Mech			
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879229876 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 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 Nickeled Coating locking Nickeled Coating of fitting nickel plated	ECLASS-11.1		
customs tariff number 85444290 GTIN 4048879229876 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 Operating voltage DC (UL-listed) 30 V Ourent 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	ECLASS-12.0	27060311	
GTIN 4048879229876 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 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 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Vickeled Coating for fitting nickel plated	ETIM-5.0	EC001855	
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 Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 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	customs tariff number	85444290	
Pelectrical 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 in,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating locking in fitting nickel plated	GTIN	4048879229876	
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 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	Packaging unit	1	
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	Electrical data Supply		
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	Operating voltage AC max.	50 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 indicate in size of the			
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			
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		30 V	
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	Current operating per contact max.	4 A	
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	Diagnostics		
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		no	
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			
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 locking Nickeled Coating of fitting nickel plated		20 mm	
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			
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		IVIO X I	
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			
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 group (IEC 6064-1) Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated			
Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated		1,5 kV	
Coating locking Nickeled Coating of fitting nickel plated		I	
Coating of fitting nickel plated	Mechanical data Material data		
Material gasket FKM	Coating of fitting	· · · · · · · · · · · · · · · · · · ·	
	Material gasket	FKM	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02



stay connected

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
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
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-104 (M8)
Installation Cable	
Cable identification	221
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	32,01 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-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)	5 m @ 25 °C horizontal
Nominal voltage AC max.	300 V to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	3,0 A 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

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02



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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C