

stay connected

M12 female 0° A-cod. with cable

PUR AWG24+22 shielded vt UL/CSA+drag ch. 11m

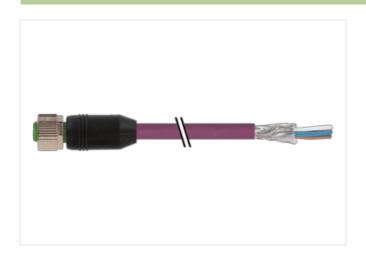
DeviceNet, CANopen Female straight M12, 5-pole A-coded

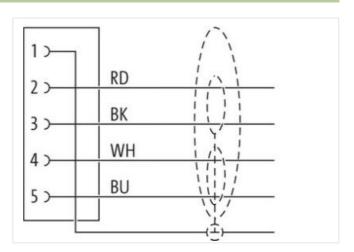
Plastic housings with good resistance against chemicals and oils.

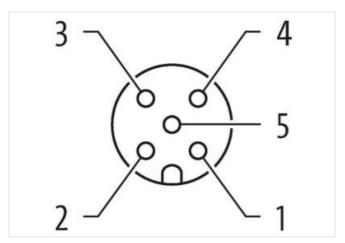
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

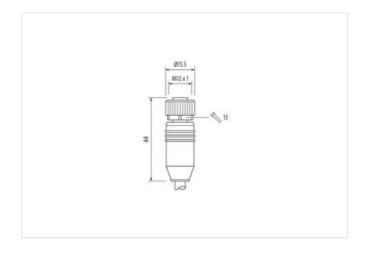
Link to Product

Illustration









Product may differ from Image













Cable length

11 m

Side 1

Tightening torque

0,6 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: 2024-05-17



stay connected

Family construction form M12 Tribunated M12 Tribunated M12 Tribunated M12 Tribunated M12 Tribunated M14 Tribuna	Mounting method	inserted, screwed
Trimate	_	· · · · · · · · · · · · · · · · · · ·
Coding A Voluntary PUR Validation of Mark Inc. (SC 9529) IPM (PR) Validation of Inc. (SC 9529) IPM (PR) Validation of Inc. (SC 9529) IPM (PR) Validation of Inc. (SC 9529) Singping length (Jackel) 20 mm Commercial data CCLASS 6.0 27060907 CCLASS 7.0 27060907 CCLASS 9.0 27090907 CCLASS 9.0 27090907 CCLASS 1.1 27060907 CCLASS 1.20 27060907		
Medicaria		
Width across flats SW13 Degree of protection (EN IEC 60529) IPS6, IP96K, IP67 Side 2 Strepping length (jacket) 20 mm Commercial data ECLASS 6.0 27061801 ECLASS 6.1 27060307 ECLASS 7.0 27060307 ECLASS 8.0 27060307 ECLASS 9.1 27060307 ECLASS 1.1 27060307 ECLASS 1.2.0 27060307 ECLASS 1.2.0 27060307 ETIM 5.0 EC001855 EURIST 1.1 404873 198568 Peakagn unit 1 Electrical data Supply Opperating voltage DC max. 60 V Opperating	Material	
Post		
Side 2 Stropping parth (jacket) 20 mm Commercial date CCMASS-6.0 27061807 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1.1 27060307 ECLASS-1.1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.2.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.2.1 27060307 ECLASS-1.2.1 40081879199688 ECLASS-1.2.2 27060307 ECLASS-1.2.3 4018279199688 Packaging unit 4018279199688 Packaging unit 60 V Dourstang voltage DC max. 60 V Opperating voltage DC max.		
Stripping length (jacker) 20 mm Commercial data CECLASS 6.0 27061801 ECLASS 6.1 270669307 ECLASS 6.0 270669307 ECLASS 8.0 28069307 ECLASS 8.0 270669307 ECLASS 8.10.1 270669307 ECLASS 8.11.1 270669307 ECLASS 8.12.0 270609307 ECLASS 8.12.0 E0001855 ECLASS 9.1.1 4048879 199568 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Stripping length (jacker) 20 mm Modification protection degree Ms 2 Pollution Degree 3 Rated any outgop (IEC 6666-1) 1 Machinarial group (IEC 6666-1) 1 Mechanical data Msickeled Conting of fitting nickel plated Material group (IEC 6666-1) Zinc die-casting		
Commercial data 2016 1801 ECLASS-6.0 2706 1801 ECLASS-7.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 ECO1855 USUSIONS BARTH TUMBER 85444290 STIN 4048879 199568 Packaging unit 1 Electrical data Supply February College AC max. Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30		
ECLASS-6.0 27061901 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1.1 27060307 ECLASS-1.1.0 27060307 ECLASS-1.1.1 27060307 ETIMS-0 E003836 Usustoms striff number 85444290 STIN 404887199558 Puckaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (PL. Islaed) 30 V Molitical Confecion (Bocket) 1 Device p	Stripping length (jacket)	20 mm
ECLASS-6.1 2706307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 12060307 ECLASS-12.0 12060307 ECLASS-12.0 12060307 ECLASS-13.0 12060307 ECLASS-14.0 12060307 ECLASS-15.0 12060307 ECLASS-10.1 12060307 ECLASS-10.1 12060307 ECLASS-10.0 12060307 ECLASC-10.0 12060307 ECLAS	Commercial data	
ECLASS 7.0 27060307 ECLASS 8.0 27060307 ECLASS 10.1 27060307 ECLASS 10.1 27060307 ECLASS 10.1 27060307 ECLASS 11.1 27060307 ECLASS 12.0 27060307 ETM 5.0 ECLASS 12.0 2706037 ETM 5.0 ECLAS 12.0 2706037 ETM 5.0	ECLASS-6.0	27061801
ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASCAS-12.0 27060307 ECLA	ECLASS-6.1	27060307
ECLASS 9.0 27060307 ECLASS 10.1 27060307 ECLASS 11.1 27060307 ECLASS 12.0 27060307 ETIM-5.0 EC001855 Sustons failf number 8944290 GTIN 4048879199568 Packaging unit 1 Electrical data Suppty February (Marchage AC max.) Operating voltage AC max. 60 V Operating voltage AC (UL listed) 30 V Operating voltage AC (UL listed) 30 V Operating per contact max. 4 A Installation Connection Journal operating per contact max. Mounting set M12 x 1 Povice protection Electrical Additional condition protection degree Inserted, screwed Pollution Degree 3 Reted surge voltage 1,5 kV Material group (IEC 60684-1) I Continue for orrupated hose without Mechanical data Material data Screwed Coaling of fitting nickel plated Material grow (ritting) nickel plated Material grow (ra	ECLASS-7.0	27060307
ECLASS-10.1 27060307 ECLASS-11.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 ECO01855 Dissons fariff number 85444290 37TN 4048879199588 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC max. 64 A Installation Connection Stripping length (jackot) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage with the surge voltage without the surge voltage without with with with with with with with wit	ECLASS-8.0	27060307
ECLASS-1.1.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 ECO01855 coustoms tariff number 85444290 GTIN 4048879199588 Peakaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC QTU-listed) 30 V Operating voltage AC QTU-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Outroet operating per contect max. 4 A Installation Connection Stripping length (flacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree 3 Raled sugs voltage 1,5 kV Material group (IEC 60684-1) 1 Mechanical data Material data Conting focking Nickeled Coating focking Nickeled Coating focking Nickeled acasting Material gasket FKM	ECLASS-9.0	27060307
ECLASS-12.0 27060307 ETIM-5.0 EC001855 sustoms tarif number 85444290 GTIN 4048879199568 Packaging unit 1 Electrical data Supply Deperating voltage AC max. Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating porting porting porting working per contact max. 4 A Installation Connection With x 1 Stripping length (lacket) 20 mm Mounting set Mix x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 80664-1) 1 Image: Mechanical data Material data Image: Mix y x 1 Containg locking Mix y 2 Image: Mix y x 2 Coating of Riting Mix y 1 Image: Mix y x 2 Coating of Riting Mix y 2 Image: Mix y x 2 Coating of Riting	ECLASS-10.1	27060307
ETIM-5.0 EC001855 sustoms fariff number 85444290 3TIN 4048879199568 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating temperature in (see temperature max.) 4 A Device protection Electrical 42 Mineral See temperature max. Additional condition temperature max. 15 kV Mechanical data Material data 15 kV <td>ECLASS-11.1</td> <td>27060307</td>	ECLASS-11.1	27060307
State Stat	ECLASS-12.0	27060307
Additional condition protection degree inserted, screwed Polition protection degree inserted surgery of fitting protection degree inserted surgery of fitting protection degree without surgery of fitting protection degree inserted surgery of fitting protection degree inserted surgery of fitting protection degree inserted surgery of fitting in fitting protection degree inserted surgery of fitting in fitti	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 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 Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection digree inserted, screwed Pollution Degree 3 Rated surge voltage And the surge voltage AC max. 4 A Methanical data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Coating of litting inickel plated Material grow onection Zinc die-casting Material screw connection Zinc die-casting Methanical data Munting data Mechanical data Munting data Mech	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 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 Contour for corrugated hose without 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 Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Deperating temperature max. 85 °C Additional condition temperature range depending on cable quality	GTIN	4048879199568
Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Ourent operating per contact max. 4 A Installation Connection V Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Metarial group (IEC 60664-1) I Mechanical data Without Containg locking Nickeled Coating locking Nickeled Coating locking 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 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality <td>Packaging unit</td> <td>1</td>	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 Installation Connection Stripping length (jacket) Stripping length (jacket) 20 mm Mounting set M12 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 Conting for corrugated hose without 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 Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. 85 °C Additional condition temperature range<	Electrical data Supply	
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 6064-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Methonical data Munting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Operating voltage AC max.	60 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 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 Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Material gasket FKM Meterial gasket FKM Meterial gasket Jinc die-casting Meterial data Mounting data Mechanical data Mounting data Meterial screw connection Mounting data Meteria	Operating voltage DC max.	60 V
Current operating per contact max. 4 A Installation Connection Stripping length (jacket) 20 mm Mounting set M12 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 Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Conting locking Nickeled Coating locking nickel plated Material gasket FKM Adderial gasket FKM Material screw connection Zinc die-casting Meterhanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Deperating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Operating voltage AC (UL-listed)	30 V
Installation Connection Stripping length (Jacket) 20 mm Mounting set M12 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 Contour for corrugated hose without Mechanical data Material data Coating locking nickel plated Material gasket FKM Locking material cornection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature min25 °C Deparating temperature max. 85 °C Additional condition temperature range depending on cable quality	Operating voltage DC (UL-listed)	30 V
Stripping length (jacket) Mounting set M12 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) Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating locking Nickeled Additional sorder voltage Material saket Locking material Mechanical data Material Methodical data Mounting data Methodical data Mount	Current operating per contact max.	4 A
Mounting set M12 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 Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating locking 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 Deperating temperature min25 °C Deperating temperature max. 85 °C Additional condition temperature range depending on cable quality	Installation Connection	
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Methanical data Mounting data Methanical data Mounting data Methanical 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	Stripping length (jacket)	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 Contour for corrugated hose without 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 inserted, screwed, Shaking protection Environmental characteristics Climatic Degrating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Screw connection Zinc die-casting Methanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Degrating temperature min25 °C Additional condition temperature range depending on cable quality	Device protection Electrical	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Screw connection Zinc die-casting Methanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Degrating temperature min25 °C Additional condition temperature range depending on cable quality	Additional condition protection degree	inserted, screwed
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating locking 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 Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		3
Mechanical data Contour for corrugated hose without 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 inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Additional condition temperature range depending on cable quality	Rated surge voltage	1,5 kV
Contour for corrugated hose without 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 inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	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 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	Mechanical data	
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 inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Contour for corrugated hose	without
Coating locking Nickeled Coating of fitting 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 Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quality		
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 Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		Nickeled
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 Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Coating of fitting	
Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Jinc die-casting inserted, screwed, Shaking protection -25 °C Operating temperature max. 85 °C Additional condition temperature range	Material gasket	· · · · · · · · · · · · · · · · · · ·
Material screw connection Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range depending on cable quality	Locking material	Zinc die-casting
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	Material screw connection	
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		
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Mounting method	inserted, screwed, Shaking protection
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality		
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality		
	Additional condition temperature range	



stay connected

Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	
Total on Bonding radial	endangered by excessive bending forces.	
Conformity		
Product standard	DIN EN 61076-2-101 (M12)	
Installation Cable		
Cable identification	803	
Jacket Color	violet	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	2 wires twisted	
Amount stranding (type 2)	1	
Stranding (type 2)	2 Stranded joints twisted	
Cable shielding (type)	copper braid, tinned	
Cable shielding (coverage)	65 %	
Banding	Foil	
Drain wire (cross-section)	22 AWG	
wire arrangement	(white, blue), (black, red)	
Cable weigth	63,12 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)	6,9 mm	
Tolerance outer diameter (sheath)	±5%	
Material wire insulation	PE	
Amount wires	2	
Outer diameter insulation	2,1 mm	
Outer diameter tolerance core insulation	±5%	
Shore hardness wire insulation	64 ± 5 Shore D	
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free	
Amount strands (wire)	19	
Diameter of single wires	24 AWG	
Conductor crosssection (wire)	24 AWG	
Drain wire (cross-section)	22 AWG	
Material conductor wire	copper stranded wire, tinned	
Electrical function wire	Data	
Material wire insulation (Data)	PE	
Outer diameter wire insulation (Data)	1,5 mm	
	·	
Ingredient freeness wire insulation (Data)	lead-free, CFC-free, halogen-free	
Amount wires (Data)	2	
Amount strands wire (Data)	19	
Diameter of single wires (Data)	22 AWG	
Conductor crosssection wire (Data)	22 AWG	
Material conductor wire (Data)	copper stranded wire, tinned	
Electrical function wire (data)	Power	
Traversing distance (C-track)	5 m	
Nominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity (standard) Current load capacity min. wire	4,5 A	
Current load capacity min. Wire (Data)	6 A	
	VA.	
Electrical function wire	Data	



Characteristic impedance	120 Ω ± 10 % @ 1 MHz
Electrical resistance line constant wire	78 Ω/km
Electrical resistance coating wire (Data)	54 Ω/km
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electric capacitance	40000 pF/km
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °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	DIN EN 60811-404 Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	1 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min