

M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 10m

Ethernet CAT5 Male 90° M12, 4-pole D-coded shielded

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

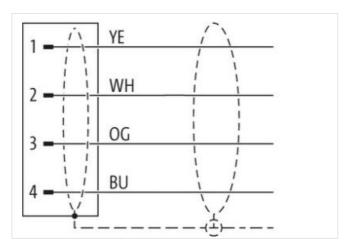
Plastic housings with good resistance against chemicals and oils.

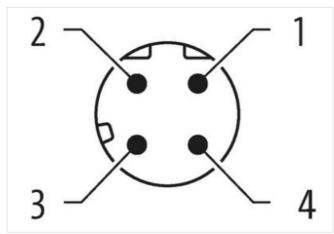
The resistance to aggressive media should be individually tested for your application. Further details on request.

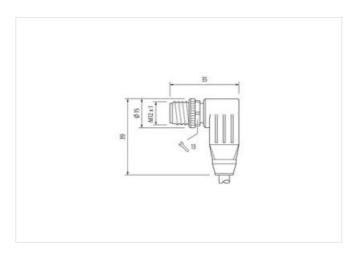
Link to Product

Illustration









Product may differ from Image











Cable length

10 m



stay connected

Mounting method inserted, screwed Family construction form M12 Timed M12 x 1 Coding D Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) PB68, P968, IP67 Stripping length (jacket) 20 mm Commercial data ECLASS-6.0 27061891 ECLASS-6.1 27060907 ECLASS-7.0 27060907 ECLASS-8.0 27063907 ECLASS-9.0 27063907 ECLASS-1.1 27060907 ECLASS-1.2 27060907 ECLASS-1.3 27060907 ECLASS-1.1 27060907 ECLASS-1.1 27060907 ECLASS-1.1 27060907 ECLASS-1.1 404897197281 ECLASS-1.2 27060907 ECLASS-1.1 404897197281 Packaging unit 1 Electrical data Supply Current operating voltage per content max. 1,5 A Industrial communication Ethernet tune	Side 1	
Family conductorin from M12 x 1 Cocting D Material PUR Midni arous fats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Side 3 Commercial date CCLASS 6.0 27061801 CCLASS 6.1 2706397 CCLASS 7.0 2706397 CCLASS 7.0 2706397 CCLASS 6.0 2706397 CCLASS 7.0 2806397 CCLASS 6.0 2706397 CCLASS 7.0 1206397 CCLASS 7.0 2706397 CCLASS 7.0 1206397 CCLASS 7.0 12063	Tightening torque	0,6 Nm
Main	Mounting method	inserted, screwed
Coding D UR Malerial PUR Midth across fats SW13 Degree of protection (EN IEC 80529) IP66, IP68K, IP67 Stripping length (jacket) 20 mm Commercial data ECLASS 6.0 27061801 ECLASS 7.0 27060307 ECLASS 7.0 27060307 ECLASS 9.0 27060307 ECLASS 9.1 27060307 ECLASS 9.0 27060307 ECLASS	Family construction form	M12
Moderal (Moderal (Modera (Moderal (Moderal (Moderal (Moderal (Moderal (Moderal (Moderal	Thread	M12 x 1
Width across flats SW13 Degree of protection (EN IEC 60529) P85, IP68K, IP67 Sife 2 Stripping length (jacket) 20 mm Commercial data ECLASS 6.0 27061901 ECLASS 6.1 27060907 ECLASS 7.0 27060907 ECLASS 9.0 27060907 ECLASS 9.0 27060907 ECLASS 1.1.1 27060907 ECLASS 1.2.0 27060907 ECLASS 1.2.1 27060907 ECL	Coding	
Degree of protection (EN IEC 60529) IP65, IP60K, IP67 Side 2 Stripping length (jacket) 20 mm Commercial data Commercial data ECLASS-6.0 27068007 ECLASS-7.0 27060007 ECLASS-8.0 27060007 ECLASS-8.0 27060007 ECLASS-10.1 27060007 ECLASS-11.2 27060007 ECLASS-11.1 27060007 ECLASS-11.1 27060007 ECLASS-11.1 27060007 ECLASS-11.0 27060007 ECLASS-11.1 27060007 ECLASS-10.0 EC0002599 DELIA SEATH number 854444290 GTN 4046979197281 Packaging unit 1 Electrical data [suppty Operating voltage DC max. 60 V Ourrent operating per contact max. 1,5 A Industrial communication Electrical data [suppty Operating voltage DC max. 60 V Usual reasonable production Pull duplex Industrial communication [Element unctual communication [Element unctual communication [Element u	Material	
Side 2 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060207 ECLASS-12.0 27060007 ECLASS-12		
Siripping length (lacked) 20 mm Commercial data Control ECLASS-6.0 27061801 ECLASS-6.1 27063037 ECLASS-7.0 27063037 ECLASS-8.0 27063037 ECLASS-9.0 27063037 ECLASS-10.1 27063037 ECLASS-11.2 27063037 ECLASS-12.0	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data ECLASS-6.0 27061801 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-11.1 27060307 ETIM-5.0 EC002599 ETIM-5.0 EC002599 ETIM-5.0 EC002599 ETIM-5.0 EC002599 Device Translation from the processor of the proce	Side 2	
ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 85444290 SITIN 404879197281 Peckaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1.5 A Industrial communication Industrial communication Transfer parameters CA15, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBH/s Industrial communication Ethernet functionality Iduplex Industrial communication Ethernet functionality Industrial communication Ethernet functionality Operating perp decident of gene Inserted, screwed Pollution Donocton Sitipping length (jacket) 20 mm Mounting set M12 x 1 Device protection Etertrica	Stripping length (jacket)	20 mm
ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 1 27060307 ECLA	Commercial data	
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 EC002599 uoustons tariff rumber 85444290 GTIN 4048879197281 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication 1 Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBNs Industrial communication Element functionality 1 duplex Full duplex Installation Connection 1 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	ECLASS-6.0	27061801
ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.0 ECLASS-1.0 27060307 ECLASS-1.0 ECLASS-1.0 ECCASS-1.0 ECCAS	ECLASS-6.1	27060307
ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECHASS-12.0 12060307 ETIM-5.0 EC002599 usustoms tarff number 85444290 GTIN 4048879197281 Packaging unit 1 Electrical data Supply Doperating voltage DC max. Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MB/ts Industrial communication Ethernet functionality duplex Full duplex Installation Connection W12 x 1 Device protection Electrical M12 x 1 Additional condition protection degree Installation Connection 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 <td>ECLASS-7.0</td> <td>27060307</td>	ECLASS-7.0	27060307
ECLASS-10.1 27060307 ECLASS-11.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 404887917281 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Addition protection degree inserted, screwed Pollution Degree 3 Related surge voltage 1,5 kV Mechanical data Mechanical data Material data	ECLASS-8.0	27060307
ECLASS-1.1.1 27060307 ECLASS-1.2.0 27060307 ECHASS-1.3.0 EC002599 customs tariff number 85444290 GTIN 4048879197281 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1.5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplox Full duplox 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 Mechanical data Mechanical data Material data Cocting locking Nickeled </td <td>ECLASS-9.0</td> <td>27060307</td>	ECLASS-9.0	27060307
ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879197281 Packaging unit 1 Electrical data Supply Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functional industrial industrial communication Ethernet functional industrial industr	ECLASS-10.1	27060307
ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879197281 Packaging unit 1 Electrical data Supply Courrent operating por contact max. 1,5 A Industrial communication Transfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBt/s Industrial communication Ethernet functionality duplex Full duplex Industrial communication Ethernet functionality Full duplex Industrial communication Ethernet functionality Full duplex Industrial communication Ethernet functionality Full duplex Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Raced group (IEC 60664-1) 1 Mechanical data Miceled Contour for corrugated hose without Mechanical data Material data Miceled Coating locking Nickeled	ECLASS-11.1	27060307
customs tariff number 85444290 GTIN 4048879197281 Packaging unit 1 Electrical data Suppty Deperating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBIt/s Industrial communication Ethernet functivality duplex Industrial communication Ethernet functivality Usual plangth (jacket) 90 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 group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection	ECLASS-12.0	27060307
GTIN 4048879197281 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Variable parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Full duplex Installation Connection Variable page (Isolate) 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 Variable Variab	ETIM-5.0	EC002599
Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Industrial communication Ethernet functionality 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 Without Mechanical folial [Material date] Vickeled Coating of fitting nickel plated Locking material Zinc die-casting Metarial screw connection Zinc die-casting Metarial genetical data Mounting data Micseled, Screwed, Shaking protection	customs tariff number	
Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBi/s Industrial communication Ethernet functionality druplex Full duplex 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 of lifting incickel plated Locking material correction = Zinc die-casting Methanical data Munting data Munting seried Incickel plated Locking material Incickel plated Locking material Incickel plated Methanical data Munting data Munting method inserted, screwed, Shaking protection		
Operating voltage DC max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex 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 material 2 inc die-casting Metanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Packaging unit	1
Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex 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 locking nickel plated Locking material Zinc die-casting Methanical data Mounting data Mounting method inserted, screwed, Shaking protection	Electrical data Supply	
Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex 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 nickel plated Locking material 2 incle pasting Material screw connection 2 inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection	Operating voltage DC max.	60 V
Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex 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 Locking material Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Current operating per contact max.	1,5 A
Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex 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 Locking material Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Industrial communication	
Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex 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 Locking material Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
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 Nickeled Coating locking nickel plated Locking material correction incidence inserted, screwed, Shaking protection	Data transmission rate max.	
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 Nickeled Coating locking nickel plated Locking material correction incidence inserted, screwed, Shaking protection	Industrial communication Ethernet fur	octionality
Stripping length (jacket) 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) 1 Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	·	
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 Locking material Material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	•	i dii dupiex
Mounting set M12 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 Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Locking material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		
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 Locking material Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	11 0 0 0 7	
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 Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	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 Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Device protection Electrical	
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 Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material crew connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Pollution Degree	3
Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Rated surge voltage	1,5 kV
Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Material group (IEC 60664-1)	· · · · · · · · · · · · · · · · · · ·
Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Mechanical data	
Coating locking Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Contour for corrugated hose	without
Coating locking Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Mechanical data Material data	
Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		Nickeled
Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		
Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		·
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Material screw connection	
Mounting method inserted, screwed, Shaking protection	Mechanical data Mounting data	
		inserted screwed Shaking protection
Environmental characteristics Climatic		
	Environmental characteristics Climatic	



stay connected

2 L L	05.00
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 61076-2-101 (M12)
Installation Cable	
Cable identification	796
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	white, yellow, blue, orange
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3 Mio. @ 25 °C
Cable weigth	69,3 g/m
Material jacket	PUR
Shore hardness jacket	89 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Travel speed (C-track)	3,3 m/s @ 25 °C
Outer-diameter (jacket)	6,7 mm
Tolerance outer diameter (sheath)	± 5 %
Material inner jacket	FRNC
Color (inner jacket)	natur
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	65 Shore D
ngredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
_oop resistance	5000 MΩ × km
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Electrical resistance line constant wire	55 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	50000 pF/km
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
	-40 °C

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: 2024-05-12



Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m