

## 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.

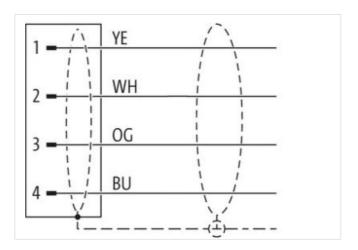
Plastic housings with good resistance against chemicals and oils.

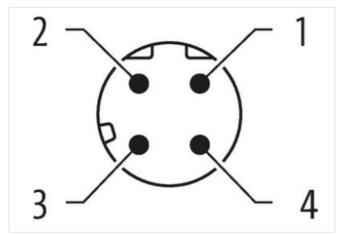
The resistance to aggressive media should be individually tested for your application. Further details on request.

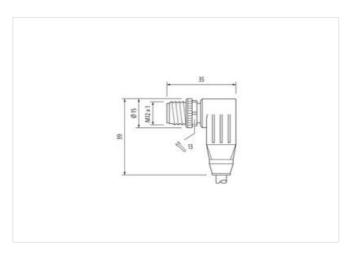
## **Link to Product**

## 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-11.2         27060007           ECLASS-11.1         27060007           ECLASS-11.2         27060007           ETIM-5.0         ECO02599           Decision staff number         85444290           GTIN         4046979197281           Packaging unit         1           Electrical data [suppty         Operating voltage DC max.         60 V           Ourrent operating per contact max.         1,5 A           Industrial communication         Entry        E	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 of	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
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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           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 Dogree         3           Rated surge voltage         1,5 kV           Material group (IEC 60684-1)	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         Vinckeled </td <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)         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         Mechanical data           Coating focking         Nickeled           Coating fitting         rickel plated      <	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

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
•	700
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
No. of bending cycles (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
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
Lancard Control Contro	
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	lead-free, CFC-free, halogen-free 7
Amount strands (wire)	7
Amount strands (wire) Diameter of single wires	7 22 AWG
Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)	7 22 AWG 22 AWG
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	7 22 AWG 22 AWG Stranded copper wire, bare
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s -40 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -40 °C 80 °C -30 °C 70 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -40 °C 80 °C -30 °C



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