

## M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 6m

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

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

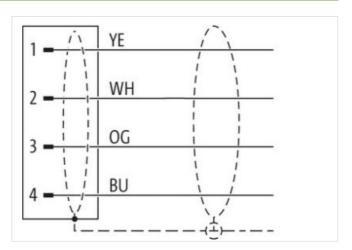
Plastic housings with good resistance against chemicals and oils.

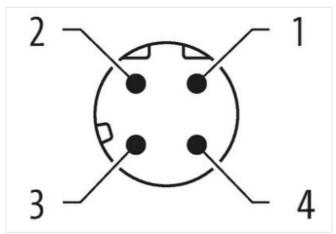
The resistance to aggressive media should be individually tested for your application. Further details on request.

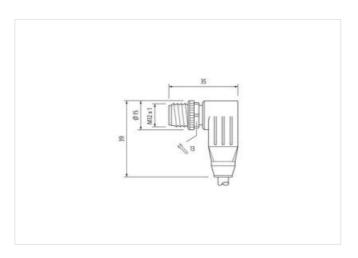
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

6 m



stay connected

Mounting method         inserted, screwed           Family construction form         M12           Times         M12 x 1           Octing         D           Width across flats         SW13           Width across flats         SW13           Single green of protection (EN IEC 60529)         IPS6, IP6K, IP67           Single group of protection (EN IEC 60529)         PD8, IP6K, IP67           Single group of protection (EN IEC 60529)         PD8, IP6K, IP67           Single group of protection (EN IEC 60529)         PD8, IP6K, IP67           Single group of protection (EN IEC 60529)         PD8, IP6K, IP67           Single group of protection (EN IEC 60529)         PD8, IP6K, IP67           Single group of protection (EN IEC 60529)         PD8, IP6K, IP67           ECLASS-10.         27060307           ECLASS-10.         27060307           ECLASS-11.1         27060307           ECLASS-11.1         27060307           ECLASS-11.1         27060307           ECLASS-10.0         27060307           ECLASS-10.1         27060307           ECLASS-10.1         27060307           ECLASS-10.1	Side 1	
Family construction from M12 x 1  Coating D  Material PUR  Midel across fields SV13  Degree of protection (EN EC 00529) IP85, IP86K, IP87  Side 2  Side 2  Side 3  Commercial data  CCLASS 6.0 27061801  CCLASS 6.0 2706307  CCLASS 7.0 2706307  CCLAS	Tightening torque	0,6 Nm
Thread	Mounting method	inserted, screwed
Coding         D           Material         PUR           Material         PUR           Width across fats         SWI3           Degree of protection (EN EC 60529)         IP65, IP65K, IP67           Sifting plangth (jacker)         20 mm           Commercial data           ECLASS 6.0         27061801           ECLASS 7.0         27060907           ECLASS 7.0         27060907           ECLASS 8.0         27060907           ECLASS 8.0         27060907           ECLASS 8.1.1         27060907           ECLASS 8.1.0         27060907           ECLASS 8.1.0         27060907           ECLASS 8.1.0         27060907           ECLASS 9.1.1         27060907           ECLASS 9.1.0         27060907           ECLASS 9.1.1         27060907           ECLASS 9.1.1         27060907           ECLASS 9.1.1         270618007           ECLASS 9.1.1         1           ECLASS 9.1.1         270618007           ECLASS 9.1.1         270618007           ECLASS 9.1	Family construction form	M12
Medical (Micha arosa filats)         SW13           Width acrosa filats         SW13           Side 2         Sirpping length (acket)         20 mm           Commercial data           ECLASS 6.0         27061801           ECLASS 5.1         27060907           ECLASS 7.0         27069007           ECLASS 8.0         27060907           ECLASS 9.0         27060907           ECLASS 9.1         27060907           ECLASS 9.1         27060907           ECLASS 9.1.1         27060907           ECLASS 9.1.1         27060907           ECLASS 9.1.1         27060907           ECLASS 9.1.1         27060907           ECLASS 9.1.2         27090907           ECLASS 9.1.1         27060907           ECLASS 9.1.2         27090907           ECLASS 9.1.3         27060907           ECLASS 9.1.4         27060907           ECLASS 9.1.5         27060907           ECLASS 9.1.6         404879791991           Packatign unit         1           Electrical data   Suption unit         1           Genetrical data   Suption unit         1,5 A           Industrial communication   Electrical unit         404887971991	Thread	M12 x 1
Width across fals         SW13           Degree of prioaction (EN IEC 60529)         IPBS, IPBSK, IPB7           Side 2         Stripping length (jacket)         20 mm           Commercial data           ECLASS 6.0         27069007           ECLASS 6.1         27060007           ECLASS 7.0         27060007           ECLASS 9.0         27060007           ECLASS 9.0         27060007           ECLASS-1.1         27060007           ECLASS-1.2.1         27060007           ECLASS-1.2.2         27060007           ECLASS-1.2.3         27060007           ECLASS-1.2.4         27060007           ECLASS-1.2.5         27060007           ECLASS-1.2.0         27060007           ECLASS-1.2.1         27060007           ECLASS-1.2.1         27060007           ECLASS-1.2.1         27060007           ECLASS-1.2.2         27060007           ECLASS-1.2.3         27060007           ECLASS-1.2.4         27060007           ECLASS-1.2.4         27060007           ECLASS-1.2.1         27060007           ECLASS-1.1         27060007           ECLASS-1.2.1         27060007           ECLASS-1.2.1         2	Coding	
Degree of protection (EN IEC 60529)         IP65. IP66V, IP67           Side 2           Stripping length (jacket)         20 mm           Commercial data         ECLASS-6.D         27061801           ECLASS-7.0         27060307         ECLASS-7.0         27060307           ECLASS-8.0         27060307         ECLASS-8.0         27060307           ECLASS-10.1         27060307         ECLASS-10.1         27060307           ECLASS-11.1         27060307         ECLASS-11.1         27060307           ECLASS-11.2         27060307         ECLASS-11.1         27060307           ETIM-5.0         EC002599         ECLASS-10.1         24060307           ETIM-5.0         EC002599         ECLASS-10.1         24060307           ETIM-5.0         ECO02599         ECLASS-10.1         24060307           ETIM-5.0         ECO02599         ECLASS-10.1         24060307           ETIM-5.0         ECO02599         ECLASS-10.1         24060307           ETIM-5.0         ECO02599         ECLASS-10.1         24060300           ETIM-5.0         ECLASS-10.1         24070000         2407000           Collection of Collec	Material	
Side 2           Commercial data           ECIALSS-8.0         27061801           ECIASS-8.1         27060307           ECIASS-8.0         27060307           ECIASS-9.0         27060307           ECIASS-9.0         27060307           ECIASS-9.0         27060307           ECIASS-11.1         27060307           ECIASS-12.0         20002599           Doubting fairff number         85444290           ECITY         404873791991           Packaging unit         1           Electrical data   Supply           Operating per contact max.         1.5 A           Industrial communication         1.5 A           Industrial communication         1.0 MBINS           Industrial communication   Ethernet functionality         4           dulpex         Full duplex           Installation   Connection         M12 x 1           Perciper protection   Electrical           Modurality grow		
Stripping length (lacket)         20 mm           Commercial data         ECLASS-6.0         27061801           ECLASS-6.1         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         EC002599           Decisions faulf number         85444290           OTIN         404879791991           Packaging unit         1           Electrical data I Supply         Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication         Industrial communication           Transfer parameters         CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1)         Decision 12 (Externation of Communication of Commun	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data           ECLASS-6.0         27061801           ECLASS-7.0         27060307           ECLASS-9.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           ETIM-5.0         EC002599           Customs staff number         55444290           GTIN         40487979191           Packaging unit         1           Electrical data i Supply         Electrical data i Supply           Operating optaloge DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication         Late transmission rate max.           Industrial communication   Ethemet functionality           Status of the communication   Ethemet functionality           Stopping longhy (lackol)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         3           Raad surge voltage         1,5 kV           Machanical data   Material data	Side 2	
ECLASS 6.0         27061801           ECLASS 6.1         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           ECLASS 12.0         27060307           ECLASS 12.0         85444290           SUBJECT MARK 1         404879791991           Peckaging unit         1           Electrical data   Supply         V           Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication         V           Undustrial communication   Ethernet functionality         <	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-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-13.0 EC002599 CUISOMORE MARKED AND AND AND AND AND AND AND AND AND AN	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           customs tariff number         85444290           GTIN         4048879791991           Packaging 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         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBN/s           Industrial communication   Element functional industrial industrial communication   Element functional industrial industrial communication   Element functional industrial indust	ECLASS-6.0	27061801
ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-1.1         27060307           ECLASS-1.1         27060307           ECLASS-1.20         27060307           ECLASS-1.9         27060307           ECLASS-1.9         1           Deutsions fariff number         85444290           GTIN         404879791991           Packaging unit         1           Electrical data   Supply           Operating voitage 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           dulplex         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 voitage         1,5 kV           Mechanical data   Material data	ECLASS-6.1	27060307
ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           customs tariff number         85444290           GTIN         4048879791991           Packaging unit         1           Electrical data   Supply         0           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)           Deata transmission rate max.         100 MBt/s           Industrial communication   Ethernet functionality         4           duplex         Full duplex           Installation   Connection         50 mm           Mounting set         M12 x 1           Device protection   Electrical         4           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60064-1)         1           Mechanical data   Material data   Continue   Material data   Continue   Material data   Continue   Material dat	ECLASS-7.0	27060307
ECLASS-10.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           customs tariff number         85444290           GTIN         4048879791991           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           Installation   Connection           Sitipping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional protection degree         inserted, screwed           Pollution Degree         3           Read surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data	ECLASS-8.0	27060307
ECLASS-1.1.1         27060307           ECLASS-1.2.0         27060307           ECHASS-1.2.0         EC002599           customs tariff number         85444290           GTIN         4048879791991           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 MBits           Industrial communication   Ethernet functionally           Undustrial communication   Ethernet functionally           dudpex         Full duplex           Installation   Connection           Stripping length (jacket)         20 mm           Moduring per detection legree         M12 x 1           Device protection   Electrical           Additional condition protection degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data           Mechan	ECLASS-9.0	27060307
ECLASS-12.0         27060307           ETIM-5.0         EC002599           customs tariff number         85444290           GTIN         4048878791991           Packaging unit         1           Electrical data   Supply           Operating yor long per contact 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 functionally           duplex           Industrial communication   Ethernet functionally           United State of 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           Mechanical data           Mechanical data   Material data           Conting locking<	ECLASS-10.1	27060307
ETIM-5.0         EC002599           customs tariff number         85444290           GTIN         404887971991           Packaging unit         1           Electrical data   Supply         V           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 MBit/s           Industrial communication   Ethernet functionality         duplex           Industrial communication   Ethernet functionality         full duplex           Industrial communication   Ethernet functionality         full duplex           Stripping length (facket)         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         Without           Mechanical data   Material data         Nickeled           Coating oloking         Nickeled           Coating of litting         nick	ECLASS-11.1	27060307
customs tariff number         85444290           GTIN         4048879791991           Packaging unit         1           Electrical data   Suppty           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 MBI/s           Industrial communication   Ethernet functionally         Using parameters           Industrial communication   Ethernet functionally           Industrial communication   Ethernet functionally         Using parameters           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         Material december of the parameters           Conting of fitting         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting	ECLASS-12.0	27060307
GTIN         4048879791991           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         Full duplex           Mounting set         M12 x 1           Device protection   Electrical         M2 mm           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60684-1)         1           Mechanical data         Without           Mechanical data   Material data         Without           Coating locking         Nickeled           Coating locking         Nickel ed           Coating locking are rained         Zinc die-casting           Meterial screw connection         Zinc die-casting           Meterial screw connection         Zinc die-casting           M	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           Undustrial 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 full Meterial data         Without           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Meterials grew connection         Zinc die-casting           Meterial general (atal   Mounting data   Mounting method         inserted, 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 CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication   Ethernet functionality dusplex Full dusplex 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 oloking Nickeled Coating of fitting incikel plated Locking material screw connection 2 incikel plated Meterial screw connection 2 incikel plated Meterial screw connection 2 incikel plated Meterial screw connection 3 incikel plated Meterial screw connection 4 incikel plated Meterial screw connection 5 incikeled 5 incikeled Meterial screw connection 6 incikeled 5 incikeled 5 incikeled Meterial screw connection 5 incikeled 5 i		
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           Undustrial communication   Ethernet functionality         20 mm           Mounting netection   Ethernet functionality         20 mm           Mounting protection   Electrical         3           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Mechanical data         Mechanical data           Mechanical data   Material data         Contour for corrugated hose         without           Coating locking         Nickeled           Coating locking         nickel plated           Locking m	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 Mickel plated  Locking material Zinc die-casting  Metanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical 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 Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting 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  Methanical data   Munting 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 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 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 of fitting nickel plated  Locking material screw connection Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method 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 of fitting nickel plated  Locking material screw connection Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Industrial communication   Ethernet fur	nctionality
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) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating locking nickel plated  Locking material inched incheding material  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	·	
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) 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	•	Full duplex
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  Material screw connection Zinc die-casting  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 zinc die-casting  Material screw 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		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)	I .
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 Locking material  Material screw connection  Mechanical data   Mounting data  Mounting method  Nickeled  Zinc die-casting  All coating  Michanical data   Mounting data  Mounting method  Nickeled  Zinc die-casting  All coating  Michanical data   Mounting data	Contour for corrugated hose	without
Coating locking Coating of fitting nickel plated Locking material Locking material  Material screw connection  Mechanical data   Mounting data  Mounting method  Nickeled  Zinc die-casting  All coating  Michanical data   Mounting data  Mounting method  Nickeled  Zinc die-casting  All coating  Michanical data   Mounting data	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
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	<b>Attention:</b> 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
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
Ingredient 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
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3 Mio. @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
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 - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Loop resistance	5000 MΩ × km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
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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



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