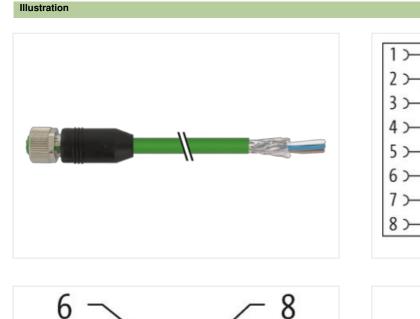


## M12 female 0° Y-cod. with cable shielded

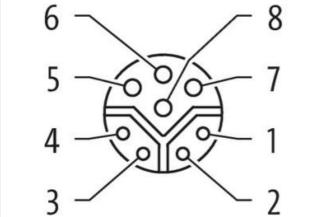
PUR AWG20/26 shielded gn UL/CSA+drag ch. 3m

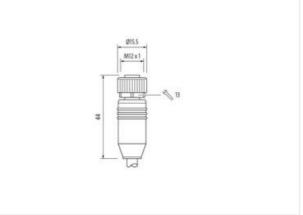
Ethernet CAT5 Female straight M12, 8-pole Y-coded shielded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



OG		
GN WH		-
		_
BU		_
WH		
BN		
BK		
	GN BU WH BN	GN 1 1 1 BU 1 1 WH 1 1 BN 1 1





Product may differ from Image



Cable length

3 m

Side 1

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



Mundring method         Inselfed, Screwell           Finely construction form         M12 x 1           Carding         Y           Material         FUR           With access flats         SW13           Degrade of problems (FUR EC 0559)         IPR6, IPP7           Commercial data         27275918           ECLASS-6.0         27275918           ECLASS-7.0         27000007           ECLASS-8.1         27050007           ECLASS-9.0         27000007           ECLASS-9.0         0000000           Eclassica	Tightening torque	0,6 Nm		
Tread         M12 x 1           Coding         Y           Coding         Y           With across flats         SW13           Degree of protection (FN IE 50529)         IP65. IP67           Commercial data         ECLASS 6.0           ECLASS 6.0         2779218           ECLASS 6.1         27665937           ECLASS 7.0         27665937           ECLASS 9.0         27600307           ECLASS 9.0         27600307           ECLASS 9.0         27600307           ECLASS 9.1         40487067.1309           Packaging unit         1           Electrical data [Supply         Gramming oremain gening anime per data contater max. <tr< td=""><td>Mounting method</td><td>inserted, screwed</td></tr<>	Mounting method	inserted, screwed		
Coding         V           Material         PUR           With arcss fits         SW13           Dagree of protection (EN EC 60529)         PES, FR7           Commercial data         2727218           ECLASS.6.0         2727218           ECLASS.6.1         27060507           ECLASS.6.0         27060507           ECLASS.6.0         27060507           ECLASS.6.1         27060507           ECLASS.7.0         27060507           ECLASS.6.1         27060507           ECLASS.7.0         27060507           ECLASS.1.1         27060507           ECLASS.1.2         27060507           ECLASS.1.1         27060507           ECLASS.1.2         27060507           ECLASS.1.1         27060507           ECLASS.1.2         27060507           ECLASS.1.2         27060507           ECLASS.1.2         27060507           ECLASS.1.2         27060507	Family construction form	M12		
Material         PUR           With across flats         SW13           Degree of protectine (N EUE 60529)         IP65. PE7           Connercial dats         27080307           ECLASS 6.0         2778718           ECLASS 7.0         27080307           ECLASS 7.0         27080307           ECLASS 8.0.0         27080307           ECLASS 8.0         27080307           ECLASS 8.1         27080307           ECLASS 8.1         27080307           ECLASS 8.10.1         27080307           ECLASS 9.10         27080307           ECLASS 9.10         27080307           ECLASS 9.10         27080307           ECLASS 9.11         27080307           ECLASS 9.10         27080307           ECLASS 9.10         27080307           ECLASS 9.11         27080307           ECLASS 9.11         27080307	Thread	M12 x 1		
Webh excess fals         SW13           Degree of protection (EN IEC 60529)         IP65, IP67           Commercial dest         E0.ASS-6.0         27279218           ECLASS-6.1         27060307         E0.CASS-7.0         27060307           ECLASS-6.0         27060307         E0.CASS-7.0         27060307           ECLASS-6.1         27060307         E0.CASS-7.0         27060307           ECLASS-7.0         27060307         E0.CASS-7.0         E0.CASS-7.0           ECLASS-11.1         27060307         E0.CASS-7.0         E0.CASS-7.0           ECLASS-12.0         27060307         E0.CASS-7.0         E0.CASS-7.0           ECLASS-13.0         27060307         E0.CASS-7.0         E0.CASS-7.0           ECLASS-10.1         27060307         E0.CASS-7.0         E0.CASS-7.0           ECLASS-10.0         27060307         E0.CASS-7.0         E0.CASS-7.0           ECLASS 10.0         E0.CASS-7.0         E0.CASS-7.0         E0.CASS-7.0           Operating voutage C max.	Coding	Y		
Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data         Personal data           ECLASS-6.0         27279216           ECLASS-6.0         27060307           ECLASS-6.0         27060307           ECLASS-7.0         27060307           ECLASS-8.1.1         27060307           ECLASS-1.1         27060307           ECLASS-1.1         27060307           ECLASS-1.1         27060307           ECLASS-1.1         27060307           ECLASS-1.1         27060307           ECLASS-1.2.0         27060307           ECLASS-1.2.0         27060307           Cartom staff frumber         55444290           Oatom staff frumber         55444290           Packaging unit         1           Etectical data   Suppt         Correlating voltage AC max.           Operating voltage AC max.         50 V           Coperating voltage AC max.         50 A           Operating voltage AC max.         50 A           Operating voltage AC max.         6 A           Industrial communication         Carta Actination Max.           Tarder paramoting         CATS. Class D (ISO/IEC 11901/202), (EN 50173-1)           Data trammisision rate max.         100 MB/vs	Material	PUR		
Commercial data           ECLASS 6.0         27279218           ECLASS 6.1         27060307           ECLASS 7.0         27060307           ECLASS 7.0         27060307           ECLASS 8.0         27060307           ECLASS 8.1         27060307           ECLASS 8.1         27060307           ECLASS 1.1         27060307           ECLASS 1.2         27060307           ECLASS 1.2         27060307           CTIM         4048879671309           Packagin unit         1           Electrical data   Suppt         Concord 2000           Operating voltage AC max.         50 V           Operating voltage AC max.         10 V           Ideatrical communication         100 MBUS <td< td=""><td>Width across flats</td><td>SW13</td></td<>	Width across flats	SW13		
ECLASS-6.0         27278218           ECLASS-6.1         27060307           ECLASS-7.0         27660307           ECLASS-8.0         27060307           ECLASS-8.0         27060307           ECLASS-1.1         27060307           ECLASS-1.2         2766307           ETM-5.0         E0600830           automatint further         8544290           GTIN         404875971309           Packagn yunt         1           Electricat data [Suppi/         Coperating voltage DC max.           Operating voltage DC max.         50 V           Operating voltage DC max.         6.4           Industrial communication         Control voltage Nax.           Industrial communi	Degree of protection (EN IEC 60529)	IP65, IP67		
ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-6.0         27060307           ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS 20.0         27060307           ECLASS 20.0         27060307           ECLASS 20.0         27060307           ECLASS 20.000030         Custors 10000000           Custors 1000000000         30 V           Operating voltage DC max.         50 V           Operating voltage DC max.         60 V           Operating voltage DC max.         100 MBite           Industrial communication         100 MBite           Industrial communication I Eleberted         <	Commercial data			
ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-8.0         27060307           ECLASS-8.10.1         27060307           ECLASS-11.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETM-5.0         EC000830           customs tarilf number         85444290           GTIM         40487971009           Packaging unit         1           Eterrical data   Supply         Operating voltage AC max.           Operating voltage AC max.         50 V           Operating voltage AC max.         6 A           Industrial communication         E           Tarafer parameters         CATS, Class D (ISO/IEC 11901:2002), (EN 50173-1)           Eat taransinision rate max.         100 MB/Is           Industrial communication [ Eterrical Accounter to max.         6 A           Industrial connunication { Eterret functionality         E           duoling protection [ Ele	ECLASS-6.0	27279218		
ECLASS 8.0         27060307           ECLASS 9.0         27060307           ECLASS 9.0         27060307           ECLASS 11.1         27060307           ECLASS 12.0         27060307           Castoms tauff number         85444290           GTIM         4048379671309           Packaging unit         1           Electrical data   Supply         Comming voltage D max.           Operating voltage D max.         50 V           Operating voltage D max.         50 V           Operating voltage D max.         0.5 A           Operating voltage D max.         0.5 A           Operating routing per power context max.         10.5 A           Industrial communication         CATS, Class D (ISO/IEC 11801.2002), (EN 50173.1)           Data transmission rate max.         100 MBr/s           Industrial communication   Electrical         Mounting set           Multity AL         Device protection   Electrical           Addition protection degree         inserted, screwed           Politation	ECLASS-6.1	27060307		
ECLASS-9.0         27660307           ECLASS-1.1         2760307           ECLASS-1.3         2760307           ECLASS-1.4         2760307           ECLASS-1.5         2760307           ECLASS-1.4         2760307           ECLASS-1.5         2760307           ECLASS-1.4         2760307           ECLASS-1.4         2760307           ECLASS-1.4         2760307           ECLASS-1.4         2760307           ECLASS-1.4         2760307           ECLASS-1.4         27600307           Eclass-1.4         27600307           Eclass-1.4         0.50           Operating further         1           Electrical dial Supply         Coperating voltage AC max.           Operating voltage AC max.         50 V           Operating voltage AC max.         6.A           Industrial communication         Industrial communication           Industrial communication         ACTS. Class D (ISO/IC 11601202), (E	ECLASS-7.0	27060307		
ECLASS-10.1         27060307           ECLASS-11.0         27060307           ECLASS-12.0         27060307           ETM-5.0         EC000830           customs tailff number         8544229           GTIN         4048879671309           Packaging unit         1           Etercial data [Supply	ECLASS-8.0	27060307		
ECLASS 11.1         27060307           ECLASS 1-2.0         27060307           ECLASS 1-2.0         ECO00830           customs tariff number         85444290           GTIN         4048379671309           Packaging unit         1           Electrical data   Supply         Control of the second of the seco	ECLASS-9.0	27060307		
ECLASS-12.0         27060307           ETIM-5.0         EC000830           ousloms tariff number         65444290           GTIN         4048879671309           Packaging unit         1           Electrical data   Supply         Corperating voltage AC max.           Operating voltage DC max.         50 V           Operating voltage DC max.         50 V           Operating voltage DC max.         50 V           Operating current per order contact max.         6 A           Industrial communication         Transfer parameters           CATS. Class D (ISO/EC 11801-2002), (EN 50178-1)         Data transmission rate max.           Industrial communication   Eletheret funct/constity         duplex           Industrial condition protection degree         inserted, screwed           Policiton Degree         3           Rated surge voltage         0,8 KV           Material group (ICE 66664-1)         1           Mechanical data         Contour for corrugated hose           Contour for corrugated hose         without	ECLASS-10.1	27060307		
ETIM-5.0         EC000830           customs tariff number         85444290           GTIN         4048879671309           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         50 V           Operating voltage DC max.         50 V           Operating voltage DC max.         50 V           Operating oursent per data contact max.         0.5 A           Industrial communication         Tansfer parameters           CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.           Industrial communication   Ethernet functionality         duglex           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree         inserted, screwed           Pollution Degree         3         Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I         I           Mechanical data         Material data         Cating locking         Nickoled           Coating of	ECLASS-11.1	27060307		
customs tariff number         85444290           GTIN         4048875671309           Packaging unit         1           Electrical data   Supply         Coperating voltage AC max.           Operating voltage DC max.         50 V           Operating voltage DC max.         50 V           Operating united DC max.         50 V           Operating current per data contact max.         0.5 A           Operating current per power contact max.         6 A           Industrial communication         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MB#s           Industrial communication   Ethernet functionality         duplex           Mounting set         M12 x 1           Device protection   Electrical         CAt6 screwed           Additional condition protection degree         isarted. screwed           Pollution Degree         3           Bated surge voltage         0.8 kV           Material group (EG 66664-1)         1           Mechanical data         Material data           Control for corrugated hose         without           Mechanical data         Material data           Contor for corrugated hose         without           Mechanicical data   Material data         Zinc dia	ECLASS-12.0	27060307		
GTIN     4048879671309       Packaging unit     1       Electrical data   Supply     Coperating voltage AC max.     50 V       Operating voltage AC max.     50 V       Operating voltage AC max.     50 V       Operating voltage DC max.     50 V       Operating voltage DC max.     0.5 A       Operating current per data contact max.     0.5 A       Operating current per power contact max.     6 A       Industrial communication     Transfer parameters       CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)     Data transmission rate max.       Industrial communication   Ethernet functionality     duplex       Industrial communication   Ethernet functionality     duplex       Installation   Connection     Mill x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     1       Mechanical data     Contour for corrungated hose       Coating of fitting     nickel plated       Coating of fitting     nickel plated       Coating of fitting     nickel plated       Coating of fitting     Zinc die-casting       Material screw connection     Zinc die-casting       Material characteristics   Climatic	ETIM-5.0	EC000830		
Packaging unit       1         Electrical data   Supply          Operating voltage AC max.       50 V         Operating voltage DC max. (UL-listed)       30 V         Operating current per data contact max.       0.5 A         Operating current per data contact max.       6 A         Industrial communication          Transfer parameters       CAT5, Class D (ISO/EC 11801:2002), (EN 50173-1)         Data transmission rate max.       100 MBI/s         Industrial communication   Ethernet functionality          duplex       Full duplex         Installation   Connection          Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (ICE 60664-1)       1         Mechanical data          Contur for corrugated hose       without         Mechanical data       Zinc die-casting         Material group (IEE dotal data)       Zinc die-casting         Material of Ifting       nickel pated         Locking of fitting       Nickeled         Coating locking       Xinckeled         Coating of fitting       Zinc die-casting         Material Sero	customs tariff number	85444290		
Electrical data   Supply         Operating voltage AC max.       50 V         Operating voltage DC max.       50 V         Operating voltage DC max. (UL-listed)       30 V         Operating current per data contact max.       6.5 A         Industrial communication       6 A         Industrial communication       CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)         Data transmission rate max.       100 MBit/s         Industrial communication   Ethernet functionality       duplex         fundustrial communication   Ethernet functionality       duplex         Industrial communication   Ethernet functionality       duplex         fundustrial communication protection degree       inserted, screwed         Polution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data       Model         Contour for corrugated hose       without         Mechanical data   Material data       Zinc die-casting	GTIN	4048879671309		
Operating voltage AC max.         50 V           Operating voltage DC max.         50 V           Operating voltage DC max.         50 V           Operating voltage DC max.         0.5 A           Operating current per data contact max.         0.5 A           Operating current per over contact max.         6 A           Industrial communication         Transfer parameters           CAT5. Class D (ISO/IEC 11801:2002). (EN 50173-1)         Data transmission rate max.           Industrial communication   Ethernet functionality         duplex           Installation   Connection         Full duplex           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         inserted, screwed           Pollutin Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Mechanical data         Contour for corrugated hose           Contour for corrugated hose         without           Mechanical data         Zino die-casting           Material group (IEC 60664-1)         In code-casting           Material group of titing         nickel plated           Coating locking         Nickeled	Packaging unit	1		
Operating voltage DC max.       50 V         Operating voltage DC max.       30 V         Operating voltage DC max.       0.5 A         Operating current per data contact max.       0.5 A         Operating current per power contact max.       6 A         Industrial communication       Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)       Data transmission rate max.         Industrial communication   Ethernet functionality       duplex         Installation   Connection       Full duplex         Installation   Connection       Bullex 1         Device protection   Electrical       Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0.8 kV         Material group (IEC 60664-1)       1         Mechanical data       Contour for corrugated hose         Contour for corrugated hose       without         Mechanical data   Material data       Contour for corrugated hose         Coating locking       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material serve connection       Zinc d	Electrical data   Supply			
Operating voltage DC max. (UL-listed)         30 V           Operating current per data contact max.         0.5 A           Operating current per power contact max.         6 A           Industrial communication         6           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality         00 MBit/s           Industrial communication = 0 (Secondation = 0 (Secondation = 0 (Secondation = 0 (Secondationality))         00 MBit/s           Material group (IEC 60664-1) </td <td>Operating voltage AC max.</td> <td>50 V</td>	Operating voltage AC max.	50 V		
Operating current per data contact max.       0,5 A         Operating current per power contact max.       6 A         Industrial communication       Transfer parameters         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       Full duplex         Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       0.8 kV         Material group (IEC 60664-1)       1         Mechanical data       Mitexel         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection	Operating voltage DC max.	50 V		
Operating current per power contact max.       6 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         duplex       Full duplex         Installation   Connection       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data       Mounting without         Contour for corrugated hose       without         Mechanical data       Mickeled         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         Mounting method       inserted, screwed, Shaking protection	Operating voltage DC max. (UL-listed)	30 V		
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       Iduplex         duplex       Full duplex         Installation   Connection       Kull duplex         Mounting set       M12 x 1         Device protection   Electrical       M12 x 1         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0.8 kV         Material group (IEC 60664-1)       I         Mechanical data       Variant         Contour for corrugated hose       without         Mechanical data   Material data       Coating locking         Coating locking       Nickeled         Coating locking       Zinc die-casting         Material screw connecton       Zinc die-casting         Material screw connecton       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection	Operating current per data contact max.	0,5 A		
Transfer parameters       CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.       100 MBit/s         Industrial communication   Ethernet functionality       duplex         fustaliation   Connection       Full duplex         Installation   Connection       M12 x 1         Device protection   Electrical       M12 x 1         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data       Vitout         Contour for corrugated hose       without         Mechanical data   Material data       Coating of fiting         Coating of fiting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection	Operating current per power contact max.	6 A		
Data transmission rate max.       100 MBit/s         Industrial communication   Ethernet functionality         duplex       Full duplex         Installation   Connection         Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0.8 kV         Material group (IEC 60664-1)       I         Mechanical data          Contour for corrugated hose       without         Mechanical data          Coating locking       Nickeled         Coating locking       Nickeled         Coating soft fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection	Industrial communication			
Industrial communication   Ethernet functionality         duplex       Full duplex         Installation   Connection         Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Mechanical data       Instelled         Contour for corrugated hose       without         Mechanical data   Material data       Inskeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)		
duplex       Full duplex         Installation   Connection       Mounting set       M12 x 1         Device protection   Electrical       Inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Mechanical data       I         Contur for corrugated hose       without         Mechanical data       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       I         Environmental characteristics   Climatic       I	Data transmission rate max.	100 MBit/s		
Installation   Connection         Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Mechanical data       Contour for corrugated hose         Vinchanical data       Vinckeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mechanical data   Mounting data         Coating nethod       inserted, screwed, Shaking protection	Industrial communication   Ethernet functionality			
Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0,8 kV       Material group (IEC 60664-1)     1       Mechanical data     V       Contour for corrugated hose     without       Mechanical data   Material data     Vickeled       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     Environmental characteristics   Climatic	duplex	Full duplex		
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data       Image: Contour for corrugated hose         Without       Mechanical data   Material data         Contour for corrugated hose       without         Mechanical data   Material data       Image: Coating locking         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Image: Coating locking	Installation   Connection			
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data       Image: Contour for corrugated hose         Without       Mechanical data   Material data         Contour for corrugated hose       without         Mechanical data   Material data       Image: Coating locking         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Image: Coating locking	Mounting set	M12 x 1		
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data       Image: Contour for corrugated hose         Contour for corrugated hose       without         Mechanical data   Material data       Image: Coating locking         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         Mounting method       inserted, screwed, Shaking protection	-			
Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Mechanical data       I         Contour for corrugated hose       without         Mechanical data   Material data       I         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         Mounting method       inserted, screwed, Shaking protection		insorted seround		
Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Mechanical data       vithout         Contour for corrugated hose       without         Mechanical data   Material data       Vickeled         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         Mounting method       inserted, screwed, Shaking protection				
Material group (IEC 60664-1)       I         Mechanical data       without         Contour for corrugated hose       without         Mechanical data   Material data       Vickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Nounting method         Inserted, screwed, Shaking protection       Environmental characteristics   Climatic				
Mechanical data       without         Contour for corrugated hose       without         Mechanical data   Material data       Nickeled         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         Mounting method       inserted, screwed, Shaking protection				
Contour for corrugated hose       without         Mechanical data   Material data       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         Mounting method       inserted, screwed, Shaking protection				
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Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic				
Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic				
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic				
Mounting method inserted, screwed, Shaking protection Environmental characteristics   Climatic				
Environmental characteristics   Climatic		inserted screwed Shaking protection		
	-			
		25 °C		
		-2.5 0		

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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	
	DIN EN 61076 2 101 (M12)
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	805
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around 1 Filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	4 wires around Stranding combination with Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Pair shielding (type)	copper braid, tinned
Banding	Fleece, Foil
Filler	yes
wire arrangement	black, brown, white, blue, (orange-white, green, orange, green-white)
Cable weigth	107,8 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	8,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,5 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	20 AWG
Conductor crosssection (wire)	20 AWG
Material conductor wire	Stranded copper wire, bare
Material wire insulation (Data)	PP
Outer diameter wire insulation (Data)	1,1 mm
Tolerance outer diameter wire insulation (data)	±5%
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires (Data)	4
Amount strands wire (Data)	19
Diameter of single wires (Data)	26 AWG
Conductor crosssection wire (Data)	26 AWG
Material conductor wire (Data)	Stranded copper wire, bare
Traversing distance (C-track)	5 m
Nominal voltage AC max.	60 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard)	5,9 A
Current load capacity min. Wire (Data)	2 A
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Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	35 Ω/km
Electrical resistance coating wire (Data)	140 Ω/km
AC withstand voltage (wire - wire)	1 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
Power frequency withstand voltage (wire - jacket)	1 kV @ 60 s
AC withstand voltage (wire - shield)	1 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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