

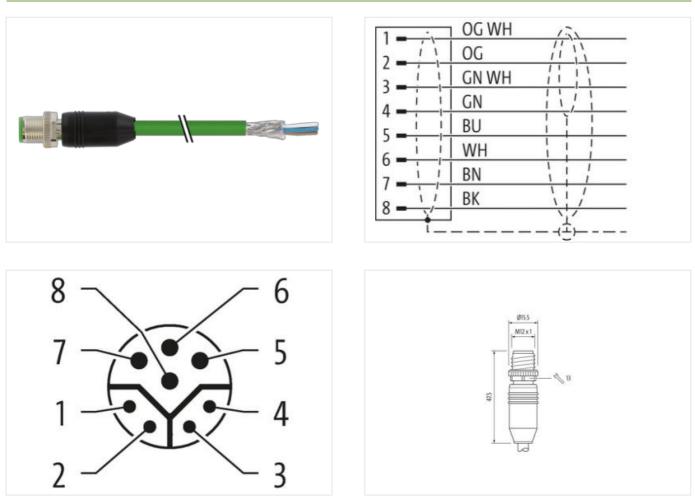
## M12 male 0° Y-cod. with cable shielded

PUR AWG20/26 shielded gn UL/CSA+drag ch. 7.5m

Ethernet CAT5 Male 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

Illustration



Product may differ from Image



Cable length

7,5 m

Side 1

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Mauning method         isserted, screwed           Femily construction form         MT2           Treado         MT2 × 1           Coding         Y           Material         PUR           With acoss fas         SW13           Deprised protection (FN IEC 00529)         IPP7           Commercial data         27279218           ECLASS 6.0         27279218           CLASS 7.0         27000007           ECLASS 7.0         2	Tightening torque	0,6 Nm		
Thread         M12 x 1           Coding         Y           Matrial         PUR           With across tatis         SW13           Degree of protecting (FN IES 60529)         IP67           Commercial data         ECLASS-6.0         272/0218           ECLASS-6.0         272/0218           ECLASS-6.0         27060307           ECLASS-6.0         27060307           ECLASS-6.0         27060307           ECLASS-6.0         27060307           ECLASS-6.0         27060307           ECLASS-1.0         27060307           ECLASS-1.1         27060307           ECLASS-1.2.0         27060307           ECLASS-1.2.0         27060307           ECLASS-1.2.0         27060307           ECLASS-1.2.0         27060307           ECLASS -1.0         ECO01955           Op	Mounting method	inserted, screwed		
Oding         Y           Material         PUR           Material         PUR           Militial across filtals         SW13           Dargree optoetcrion (EN IEC 60529)         IP67           Commercial data         E           ECLASS 6.0         27279:18           ECLASS 6.1         27060307           ECLASS 7.0         27060307           ECLASS 7.0         27060307           ECLASS 7.0         27060307           ECLASS 7.0         27060307           ECLASS 7.1         27060307           ECLASS 7.0         27060307           ECLASS 7.1         27060307           ECLASS 7.1         27060307           ECLASS 7.1         27060307           ECLASS 7.1         27060307           ECLASS 7.2         27060307           ECLASS 7.1         27060307           ECLASS 7.2         27060307           Eclass 7.4         4048725153800	Family construction form	M12		
Material         PUR           Wind across flats         SW13           Degree of protection (EN EC 60520)         IPS7           Connectal data         E           ECARSE 6.0         2727810           ECARSE 7.0         27060007           ECARSE 7.0         ECOR01855           Counting voltage AC (UL-lated)         30 V           Operating voltage AC (UL-lated)         30 V           Operating voltage AC (UL-lated)         30 V           Operating voltage AC (UL-lated)         30 V	Thread	M12 x 1		
Widm across flats         SW13           Degree of protection (EN IEC 60528)         IPP7           Commercial dat         ECI ASS-6.0         27278218           ECI ASS-6.0         27278218         ECI ASS-6.0           ECI ASS-6.0         27060307         ECI ASS-6.0           ECI ASS-7.0         27060307         ECI ASS-7.0           ECI ASS-8.0         27060307         ECI ASS-7.0           ECI ASS-7.0         27060307         ECI ASS-7.0           Operating fumit         1         ECI ASS-7.0           ECI ASS 12.0         27060307         ECI ASS-7.0           Operating voltage AC max.         50 Y         ECI ASS-7.0           Operating voltage AC (Max.         50 Y         ECI ASS-7.0           Operating voltage AC (Max.         50 Y         ECI ASS-7.0           Operating voltage AC (Max.         55 A         Operating voltage AC (Max.         65 A           Operating voltage AC (Max.         100 MBUs         Industrator ACOMANICASIN         Eci ASS-7.0<	Coding	Y		
Degree of protection (EN IEC 80529)         IP67           Commercial data	Material	PUR		
Commercial data         ECLASS-6.0         27279216           ECLASS-6.1         27060307         ECLASS-7.0	Width across flats	SW13		
ECLASS-6.0         27279218           ECLASS-6.1         27000307           ECLASS-7.0         27000307           ECLASS-7.0         27000307           ECLASS-8.0         27000307           ECLASS-9.0         27000307           ECLASS-9.0         27000307           ECLASS-1.1.0         27000307           ECLASS-12.0         50 V           Operating vorbage AC max.         50 V           Operating vorbage AC max.	Degree of protection (EN IEC 60529)	IP67		
ECLASS 6.1         27060307           ECLASS 6.0         27060307           ECLASS 6.0         27060307           ECLASS 6.0         27060307           ECLASS 6.1         27060307           ECLASS 10.1         27060307           ECLASS 11.1         27060307           ECLASS 12.0         ECO10855           austoms tariff number         8544230           GTM         40487551380           Packaging unit         1           Electrical data [Supply         Corrange contact max.           Operating voltage AC (IL-listed)         30 V           Operating outlage AC (IL-listed)         30 V           Industrial communication         S1A	Commercial data			
ECLASS-7.0         27060307           ECLASS-9.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-13.1         27060307           ECLASS-12.0         27060307           ECIASS-12.0         27060307           Castoms taff'unbor         6544290           GTIN         4048879513380           Packaging unit         1           Elecrical dial Supply         Coperating voltage AC max.           Operating voltage DC max.         50 V           Operating voltage DC (UL-listed)         30 V           Operating voltage CO (UL-listed)         30 V           Operating voltage CO (UL-listed)	ECLASS-6.0	27279218		
ECLASS 8.0         27660307           ECLASS 9.0         27660307           ECLASS 1.1         27660307           ECLASS 1.2.0         ECLASS 1.0           EOLASS 1.0.0         50           Operating voltage 0.0         AV           Operating voltage DC Max.         50 V           Operating voltage DC Max.         50 V           Operating voltage DC Max.         50 V           Operating voltage DC Max.         10 MEVE <td>ECLASS-6.1</td> <td>27060307</td>	ECLASS-6.1	27060307		
ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-13.1         27060307           ECLASS-13.0         EC001855           caustoms tailf number         8544290           GTIN         4048079519380           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC max.         50 V           Operating voltage DC (UL-listed)         30 V           Operating contrage DC (UL-listed)         30 V           Operating contrage DC (UL-listed)         30 V           Operating contrage DC (UL-listed)         30 V           Deparating contrage DC (UL-listed)         30 V           Deparating contrage prover contrating.         6 A           Industrial communication         15           Industrial communication         15           Industrial communication [ Electrical Juli bulkes           Industrial communica	ECLASS-7.0	27060307		
ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETM-5.0         EC001955           customs tariff number         85444280           GTIN         40487751380           Packaging unit         1           Etercical data [Supply	ECLASS-8.0	27060307		
ECLASS-12.0         27060307           ECLASS-12.0         27060307           ECLASS-12.0         ECO01855           customs tariff number         85444290           GTIN         4048679519380           Packaging unit         1           Electrical data   Supply         Coperating voltage AC max.           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage AC (LL-listed)         30 V           Operating row contact (UL)         3.3 A           Operating current per power contact max.         6 A           Industrial communication         Eleverteen UL           Tatalser parameters         CATS, Class D (ISO/IEC 11801.2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Eleveret functionality         Mounting set           Mounting set         M12 x 1           Device protochor   Electrical         Elevere ordage           Additional condition protection degree         inserted, screwed           Polution Degree         3	ECLASS-9.0	27060307		
ECLASS-12.0         27060307           ETIM-5.0         EC001855           oustoms tariff number         85444290           GTIN         4048879519380           Packaging unit         1           Electrical data   Supply         Comparison           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage AC (LL-listed)         30 V           Current operating per contact (UL)         3.3 A           Operating current per data contact max.         6.5 A           Operating current per contact (UL)         3.3 A           Operating current per power contact max.         6.4           Industrial communication         Industrial communication           Transfer parameters         CATS. Class D (ISO/IEC 11801:2002), (EN 50175-1)           Data transmission rate max.         100 MBit/s           Industrial communication         Industrial communication           Installation   Electrical         Addition   Electrical           Addition Connection         Industrial communication           Installation (Concetion digree         inserted, screwed           Polution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1	ECLASS-10.1	27060307		
ETIM-5.0         EC001855           customs tariff number         85444290           OTIN         4048879519380           Packaging unit         1           Eterrical data   Supply            Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating oper contact (UL)         33 A           Operating oper contact (UL)         33 A           Operating ourent per data contact max.         6 A           Industrial communication         Etarlet in the intervent per oper contact max.           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication         Etarlet surge voltage           Installation   Connection         Mounting set           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)	ECLASS-11.1	27060307		
customs tariff number     85444290       GTIN     4048879519380       Packaging unit     1       Electrical Gate   Supply       Operating voltage AC max.     50 V       Operating voltage AC max.     50 V       Operating voltage AC (UL-listed)     30 V       Operating port contact (UL)     3.3 A       Operating outrage DC (UL-listed)     30 V       Operating outrage DC (UL-listed)     3.3 A       Operating outrage Der constact (UL)     3.4 A       Operating outrage Der constact (UL)     3.5 A       Operating outrage Der constact (UL)     3.6 A       Industrial communication     CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)       Data transmission rate max.     100 MBH/s       Industrial communication   Ethernet functionality     duplex N       Full duplex     Full duplex       Installatin   Connection     Nickel outrage outrage outrage outrage	ECLASS-12.0	27060307		
GTIN         4048879519380           Packaging unit         1           Electrical data   Supply	ETIM-5.0	EC001855		
Packaging unit       1         Electrical data   Supply         Operating voltage AC max.       50 V         Operating voltage AC (IL-Isted)       30 V         Operating voltage AC (IL-Isted)       30 V         Operating voltage AC (IL-Isted)       30 V         Operating per contact (IL)       3.3 A         Operating current per data contact max.       6.5 A         Industrial communication       CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.       100 MBit/s         Industrial communication   Ethernet functionality       Iduptex         fundustrial communication   Ethernet functionality       Iduptex         Industrial connunication   Ethernet functionality       Iduptex         Industrial condition protection degree       Installation   Connection         Mouting set       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         Material group (IEC 60664-1)       1         Material is reve connection       Zino die-casting         Material group connection       Zino die-casting         Material sereve connection </td <td>customs tariff number</td> <td>85444290</td>	customs tariff number	85444290		
Electrical data   Supply         Operating voltage AC max.       50 V         Operating voltage AC max.       50 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating per contact (UL)       3,3 A         Operating outge AC max.       6 A         Industrial communication       Inarster 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         Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       instended, screwed         Pollution Dogree       3         Rated surge voltage       0.8 kV         Material group connection       Inckeled         Coating locking       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Mechanical data   Material data       Zinc die-casting         Mechanical data   Mounting data       inseried, screwed, Shaking protection <td>GTIN</td> <td>4048879519380</td>	GTIN	4048879519380		
Operating voltage AC max.       50 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating per contact (UL)       3.3 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       Multi x 1         Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Pollution Degree       3         Rated surge voltage       0.8 kV         Material group (IEC 60664-1)       1         I       Mechanical data   Material data         Cooking meterial       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection	Packaging unit	1		
Operating voltage DC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (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/IEC 11801:2002), (EN 50173-1)           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           Polution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Zinc die-casting           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Zinc die-casting           Material group (IEC 60664-1)         Zinc die-casting           Material group (IEC 60664-1)				
Operating voltage DC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (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/IEC 11801:2002), (EN 50173-1)           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           Polution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Zinc die-casting           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Zinc die-casting           Material group (IEC 60664-1)         Zinc die-casting           Material group (IEC 60664-1)	Operating voltage AC max.	50 V		
Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Current operating per contact (UL)       3.3 A         Operating current per data contact max.       0.5 A         Operating urrent per operating per contact max.       6 A         Industrial communication       Industrial communication (Ethernet functionality)         Transfer parameters       CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.       100 MBit/s         Industrial communication   Ethernet functionality       duplex         Verify       Full duplex         Installation   Connection       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       0.8 kV         Material group (IEC 60664-1)       1         Methenical data   Material data       Zinc die-casting         Coating of fitting       nickel plated         Looking material       Zinc die-casting         Material screw connection       Zi		50 V		
Operating voltage DC (UL-listed)       30 V         Current operating ger contact (UL)       3,3 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.       100 MBit/s         Industrial communication   Ethernet functionality         duplex       Full duplex         Installation   Connection         Mouting 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   Material data       Zinc die-casting         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material method       inserted, screwed, Shaking protection		30 V		
Current operating per contact (UL)       3.3 A         Operating current per data contact max.       0.5 A         Operating current per power contact max.       6 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 functionality       duplex         Installation   Connection       Full duplex         Mounting set       M12 x 1         Device protection   Electrical       Addition a condition protection degree         Additional condition protection degree       3         Rated surge voltage       0.8 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Coating of fiting         Coating of fiting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting <tr< td=""><td></td><td>30 V</td></tr<>		30 V		
Operating current per data contact max.       0,5 A         Operating current per power contact max.       6 A         Industrial communication       False         Transfer parameters       CAT5, 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       duplex         Installation   Connection       Full duplex         Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Installation up rotection degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       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		3,3 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.       100 MBit/s         Industrial communication   Ethernet functionality       Industrial communication   Ethernet functionality         duplex       Full duplex         Installation   Connection       Full duplex         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   Material data       Coating looking         Coating looking       Nickeled         Coating of stifting       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		0,5 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         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   Material data       Coating locking         Coating locking       Nickeled         Coating service connection       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		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   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       Environmental characteristics   Climatic	Industrial communication			
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   Material data       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         Inscreted, screwed, Shaking protection       Environmental characteristics   Climatic	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)		
duplex       Full duplex         Installation   Connection       Mutring 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   Material data         Coating locking       Nickeled         Coating locking       Nickeled         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection		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   Material data       V         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       Inserted, screwed, Shaking protection	Industrial communication   Ethernet func	tionality		
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   Material data       V         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       Inserted, screwed, Shaking protection	duplex	Full duplex		
Mounting set       M12 x 1         Device protection   Electrical       Image: Second Se				
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   Material data       Vickeled         Coating locking       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		M12 × 1		
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         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	č	10112 & 1		
Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         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       Nounting method         Mounting method       inserted, screwed, Shaking protection	· ·			
Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         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				
Material group (IEC 60664-1)       I         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       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection	-			
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       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection		0,8 kV		
Coating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataInserted, screwed, Shaking protectionMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   Climatic	Material group (IEC 60664-1)			
Coating of fitting       nickel plated         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       Vertex (Strewed, Strewed, Strew	Mechanical data   Material data			
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     Inserted, screwed, Shaking protection		Nickeled		
Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Inserted, screwed, Shaking protection	Coating of fitting	nickel plated		
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic		Zinc die-casting		
Mounting method inserted, screwed, Shaking protection Environmental characteristics   Climatic	Material screw connection	Zinc die-casting		
Environmental characteristics   Climatic	Mechanical data   Mounting data			
	Mounting method	inserted, screwed, Shaking protection		
Operating temperature min25 °C	Environmental characteristics   Climatic	Environmental characteristics   Climatic		
	Operating temperature min.	-25 °C		

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



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.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
wire arrangement	black, brown, white, blue, (orange-white, green, orange, green-white)
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
Nominal voltage AC max.	60 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	to DIN VDE 0298-4 5,9 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
Isolation resistance	5000 ΜΩ
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
No. of bending cycles (C-track)	5 Mio.
Traversing distance (C-track)	5 m
Travel speed (C-track)	3,3 m/s
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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