

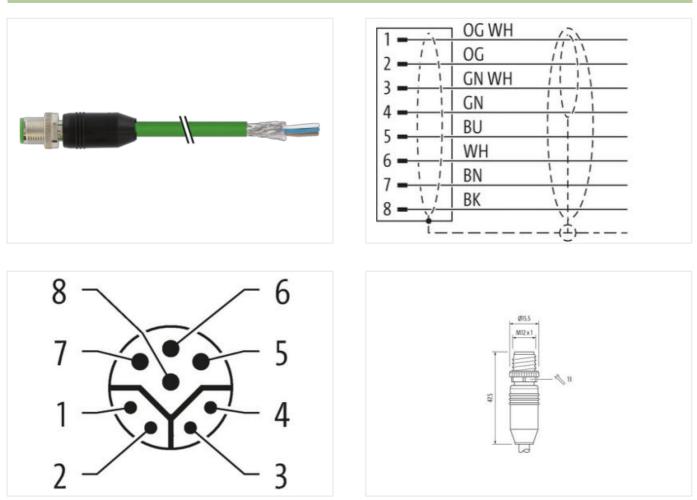
## M12 male 0° Y-cod. with cable shielded

PUR AWG20/26 shielded gn UL/CSA+drag ch. 1.5m

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

1,5 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: 2024-05-04



Munifing method         Hearties, serawed           Family construction form         M12 a           Treada         M12 a 1           Coding         Y           Material         PUR           With accoss flata         SW13           Degree of protection (FUR EC 0059)         IPP7           Commercial data         27275218           ECLASS-6.0         272759218           ECLASS-6.1         27060507           ECLASS-6.1         27060507           ECLASS-6.1         27060507           ECLASS-6.1         27060507           ECLASS-7.0         27060507           Constant staff number         6544230           Grin         4448230           Grin         4448230           Grin         4448230           Grin         4448230           Grin         4448230           Doreating vortage AC max.         60	Tightening torque	0,6 Nm	
Tread         M12 x 1           Coding         Y           Material         PUR           With accose flats         SW13           Degree of protection (SW EE 60529)         IP67           Commercial data         ECLASS.6.0         2770/18           ECLASS.6.0         2770/18         ECLASS.6.0           ECLASS.7.0         27660307         ECLASS.6.0           ECLASS.6.0         27606307         ECLASS.6.0           ECLASS.6.0         27660307         ECLASS.6.0           ECLASS.6.0         27660307         ECLASS.6.0           ECLASS.1.1         27660307         ECLASS.6.0           ECLASS.1.2         27660307         ECLASS.1.0           ECLASS.1.3         27660307         ECLASS.1.0           ECLASS.1.0         27660307         ECLASS.1.0           ECLASS.1.1         27660307         ECLASS.1.0           ECLASS.1.2         27660307         ECLASS.1.0           ECLASS.1.0         EC001855         Eco01855           Castom suff mmber         8444200         GTM           Packaging unit         1         Eco11801           Eco116 atal Supply         1         Eco11801           Operating values AC IUL, Isold         3	Mounting method	inserted, screwed	
Coding         Y           Material         PUR           Waterial         PUR           With arcsis fluids         SW13           Degree of protection (EN IEC 60529)         IP67           Commercial data         27279218           ECLASS 6.0         27279218           ECLASS 6.0         27090307           ECLASS 7.0         27090307           ECLASS 6.0         27090307           ECLASS 7.0         27090307           ECLASS 7.1         27090307           ECLASS 7.2         270900307	Family construction form	M12	
Material         PUR           Witch across flats         SW13           Degree of protection (EN EC 6502)         IPS7           Connectal data         ECASS 6.0         2727218           ECIASS 6.1         27060007         ECIASS 5.7.0         27060007           ECIASS 5.0         27060007         ECIASS 5.0         27060007           ECIASS 5.0         27060007         ECIASS 5.0         27060007           ECIASS 5.0         27060007         ECIASS 5.0         27060007           ECIASS 5.1         27060007         ECIASS 5.0         27060007           ECIASS 5.1.0         27060007         ECIASS 5.0         27060007           ECIASS 5.1.0         27060007         ECIASS 5.0         ECIASS 5.0           Quadris datal Supply         27060007         ECIASS 5.0         ECIASS 5.0           Guadris datal Supply         49487948007         Packaging unt         1           Electrical data Supply         Ecoretal data Sup	Thread	M12 x 1	
Webh ecross flats         SW13           Dagree of protection (EN IEC 60528)         IPP7           Commercial das         ECI ASS 4.0         27273218           ECI ASS 5.0         27060307         ECI ASS 5.0           OTM         40485744890.0         OTM           Operati	Coding	Υ	
Degree of protection (EN IEC 60529)         IP67           Commercial data	Material	PUR	
Commercial data         ECLASS 6.0         27278218           ECLASS 6.1         27060307         ECLASS 7.0         27060307           ECLASS 7.0         27060307         ECLASS 7.0         ECLASS 7.0           ECLASS 8.0         27060307         ECLASS 7.0         ECLASS 7.0           ECLASS 9.0         27060307         ECLASS 7.0         ECLASS 7.0           ECLASS 1.1         27060307         ECLASS 7.0         ECLASS 7.0           ECLASS 1.2         27060307         ECLASS 7.0         ECLASS 7.0           ECLASS 1.1         27060307         ECLASS 7.0         ECLASS 7.0           ECLASS 1.2.0         27060307         ECLASS 7.0         ECLASS 7.0           ECLASS 1.1         27060307         ECLASS 7.0         ECLASS 7.0           ECLASS 1.2.0         27060307         ECLASS 7.0         ECLASS 7.0           ECLASS 1.1         27060307         ECLASS 7.0         ECLASS 7.0           ECLASS 1.1         27060307         ECLASS 7.0         ECLASS 7.0           ECLASS 1.1         27060307         ECLASS 7.0         ECLASS 7.0           OTM         49488794880.37         Pachaging und         T           Edechard data Suppe Comax         50 V         Operating voltage Comax         50 V	Width across flats	SW13	
ECLASS-6.0         27279216           ECLASS-6.1         27060307           ECLASS-6.0         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-1.1         27060307           ECLASS-1.1         27060307           ECLASS-12.0         27060307           Portaling unit         1           Edecass Anno.         50 V           Operating units and max.         50 V           Operating units and contact ma	Degree of protection (EN IEC 60529)	IP67	
ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-8.0.1         27060307           ECLASS-8.10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-13.0         ECO0075           ECLASS-13.0         27060307           ECLASS-14.0         ECO0075           ECLASS-15.0         27060307           ECLASS-13.0         ECO0075           ECLASS-14.0         27060307           ECLASS-15.0         27060307           ECLASS-11.0         27060307           ECLASS-12.0         27060307           ECLASS-13.0         ECO0075           ECLASS-14.0         404875480037           Dexisting further further and the 404875480037         Economic and the 404875480037           Operating voltage AC (IL-Sited)         50 V           Operating voltage AC (IL-Sited)         30 V           Operating voltage AC (IL-Sited)         30 V           Operating current per data contact max.         0.5 A           Operating current per ontact (IL)         3.3 A           Operating current per ontact (IL)         3.4           Industri	Commercial data		
ECLASS 7,0         27060307           ECLASS 8.0         27060307           ECLASS 9.0         27060307           ECLASS 9.0.1         27060307           ECLASS 10.1         1           Electrical data 10.1         1           Electrical data 10.1         1           Operating vortage AC (ILL-listed)         30 V           Operating vortage AC (ILL-listed)         30 V           Carrent operating vortage AC (ILL-listed)         3.3 A           Operating vortage AC (ILL-listed)	ECLASS-6.0	27279218	
ECLASS 8.0         27660307           ECLASS 9.0         27660307           ECLASS 9.0         27660307           ECLASS 1.1         27060307           ECLASS 1.2.0         27060307           ECLASS 1.2.0         27060307           ECLASS 1.2.0         27060307           ECLASS 1.2.0         EC001855           outstant stuff number         8544290           GTIN         4048879458037           Packaging unit         1           Electrical data   Supply	ECLASS-6.1	27060307	
ECLASS-3.0         27060307           ECLASS-1.1         27060307           ECLASS-1.3         27060307           ECLASS-1.4         27060307           ECLASS-1.5         27060307           ECLASS-1.6         27060307           ECLASS-1.7         EC001855           castoms tairf number         8544280           GTIN         4048673480037           Packaging unit         1           Electrical data [Supply         Operating voltage AC max.           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage DC max.         50 V           Operating voltage DC (UL-listed)         30 V           Current operating por contact (UL)         3.3 A           Operating voltage DC (UL-listed)         30 V           Current operating por contact max.         0.5 A           Operating contract max.         0.5 A           Operating contract max.         10 Mbl/s           Industrial communication         Industrial communication           Industrial communication         Full duplex           Industrial condition protection degree         inserted. screwed           Polucino Degree         3           Read surge voltape </td <td>ECLASS-7.0</td> <td>27060307</td>	ECLASS-7.0	27060307	
ECLASS-10.1         27060307           ECLASS-11.3         27060307           ECLASS-12.0         27060307           ETM-5.0         EC001955           customs tafff number         65444280           GTIN         404857485037           Packaging unit         1           Etercical data [Supply	ECLASS-8.0	27060307	
ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         ECO01855           customs tariff number         85444290           GTIN         4048879480037           Packaging unit         1           Electrical dia I Supply         Economical dia I Supply           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage AC (LL-listed)         30 V           Operating voltage AC (LL-listed)         30 V           Operating voltage AC (LL-listed)         30 V           Operating per contact (UL)         3.3 A           Operating current per power contact max.         6 A           Industrial communication         Economication           Transfer parameters         CAT5, Class D (ISO/IEC 11801.2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality         Mounling set           Mounling set         M12 x 1           Device protection   Electrical         Enserted, screwed           Polution Dagree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Meterial dtal <td>ECLASS-9.0</td> <td>27060307</td>	ECLASS-9.0	27060307	
ECLASS-12.0         27060307           ETIM-5.0         EC001855           oustoms tariff number         85444290           GTIN         4048879488037           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           Current operating per contact (UL)         3.3 A           Operating oursen per data contact max.         0.5 A           Operating current per per contact (UL)         3.3 A           Operating current per per contact (UL)         3.3 A           Operating current per power contact max.         0.5 A           Operating current per power contact max.         0.5 A           Operating current per power contact max.         100 MBit/s           Industrial communication         Industrial communication           Industrial communication   Ethernet functionality         Iduplex           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Addicinon protection degree         3           Rated surge voltage         0.8 kV         Iduplex           Material group (IEC 60664-1)	ECLASS-10.1	27060307	
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879488037           Packaging unit         1           Electrical data   Supply	ECLASS-11.1	27060307	
customs tariff number       85444290         GTIN       4048879488037         Packaging unit       1         Deprating voltage AC max.       50 V         Operating voltage AC max.       50 V         Operating voltage AC (UL-listed)       30 V         Operating contage DC (UL-listed)       30 V         Industrial communication       0.5 A         Operating contage DC (DL-listed)       Industrial communication   Elemeton Listed)         Industrial communication   Elemeton Listed)	ECLASS-12.0	27060307	
GTIN         4048879488037           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         50 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 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)            Mechanical data   Material data<	ETIM-5.0	EC001855	
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 voltage DC (UL-listed)       30 V         Current operating per contact (UL)       3.3 A         Operating current per data contact max.       6.5 A         Operating current per power contact max.       6.4         Industrial communication       Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)       Data transmission rate max.         Tansfer 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       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)       1         Material group (IEC 60664-1)       1         Material group (IEC 60664-1)       1         Material screw connection       Zino die-casting <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 AC (UL-listed)       30 V         Current operating per contact (UL)       3.3 A         Operating outside AC (UL-listed)       30 V         Current operating per contact (ML)       3.3 A         Operating outside DC (UL-listed)       30 V         Current operating per contact (ML)       3.3 A         Operating outside Communication       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       Mounting set         Mounting set       M12 x 1         Device protection   Electrical       Mounting set         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       Zinc die-casaling         Ma	GTIN	4048879488037	
Operating voltage AC max.       50 V         Operating voltage AC max.       30 V         Current operating per contact (UL)       3.3 A         Operating current per observe 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 MBil/s       Industrial communication   Ethernet functionality         duplex       Full duplex       Full duplex         Installation   Connection       Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree       inserted, screwed         Pollution Degree       3       Raterial group (IEC 60664-1)       1         Material group (IEC 60664-1)       1       Inckel plated       Coxing inckel plated	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           Current operating per contact (UL)         3.3 A           Operating current per data contact max.         6 A           Industrial communication         6 A           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality         Iduplex           Industrial communication   Ethernet functionality         Iduplex           Industrial conneution         Full duplex           Installation   Connection         Inserted, screwed           Polucion Degree         3           Polution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Cocating locking           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Zinc die-casting           Material rever connection         Zi			
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           Current operating per contact (UL)         3.3 A           Operating current per data contact max.         6 A           Industrial communication         6 A           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality         Iduplex           Industrial communication   Ethernet functionality         Iduplex           Industrial conneution         Full duplex           Installation   Connection         Inserted, screwed           Polucion Degree         3           Polution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Cocating locking           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Zinc die-casting           Material rever connection         Zi	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 current per per otent 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       Iduplex         Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       3         Pated surge voltage       0.8 kV         Material group (IEC 60664-1)       1         Methanical data   Material data       Zinc die-casting         Coating of fitting       nickel plated         Looking       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection		50 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       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         fundstrial communication   Ethernet functionality       duplex         fundstrial communication   Ethernet functionality       duplex         fundstrial context max.       100 MBit/s         Industrial context max.       Full duplex         Installation   Connection       Moderation         Mounting set       M12 x 1         Device protection   Electrical       Pollution Degree         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       Coding of fitting         Coating of fitting       nickel plated         Looking material       Zinc die-casting         Material s		30 V	
Current operating per contact (UL)       3,3 A         Operating current per data contact max.       0,5 A         Operating current per ower 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       Iduplex         Installation   Connection       Full duplex         Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rate 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         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection		30 V	
Operating current per data contact max.       0,5 A         Operating current per power contact max.       6 A         Industrial communication       Fall         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         Installation   Connection       Mounting set         Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Installation group (IEC 60664-1)       I         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         Mater		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       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)       1         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		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       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)       1         Mechanical data   Material data          Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material 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         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   Material data       I         Coating locking       Nickeled         Coating locking       Nickeled         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Zinc die-casting         Mechanical data   Mounting data       Since die-casting         Mounting method       inserted, screwed, Shaking protection	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)	
duplex       Full duplex         Installation   Connection       Munting 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 of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Environmental characteristics   Climatic	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   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       Xinc 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       Xinc 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         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       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			
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       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		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   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			
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       Inserted, screwed, Shaking protection         Fenvironmental characteristics   Climatic       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       I         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       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       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection		0,8 kV	
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         Environmental characteristics   Climatic       Inserted			
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 (Climatic)	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		
	Operating temperature min.	-25 °C	

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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	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
·	
Cable identification	805
Jacket Color	green
Type of Certificate	cURus
Amount stranding	
Stranding	4 wires around 1 Filler twisted
Amount stranding (type 2)	
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)
Traversing distance (C-track)	5 m
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)	
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 min. wire	5,9 A
Current load capacity min. Wire (Data)	2 A
Caron load sapaony min. Wile (Data)	-/

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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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