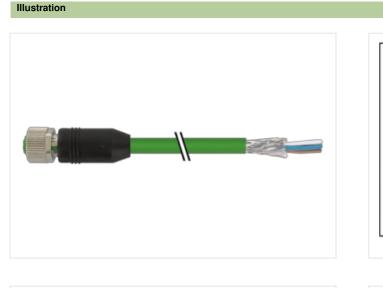


## M12 female 0° Y-cod. with cable shielded

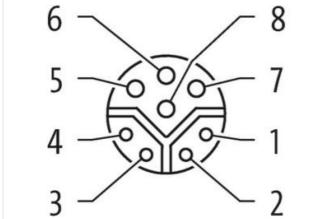
PUR AWG20/26 shielded gn UL/CSA+drag ch. 8m

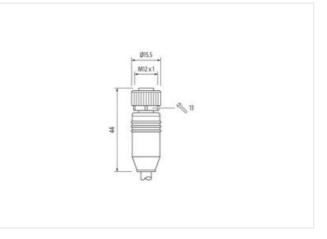
Ethernet CAT5 Female straight M12, 8-pole Y-coded shielded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



	1 OG WH	152	
11	OG		
	GN WH	11 11	
	GN		
	BU		
	WH		
	BN		
	BK		
	J		





Product may differ from Image



Cable length

8 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: 2024-06-26



Muurting mathed         inspired, jorowed           Family construction form         M12           Tread         M12 × 1           Coding         Y           Material         PUH           With accoss flats         SW13           Degree of protection (EW EC 05259)         PES, IPE7           Commercial data         2706 1801           ECLASS-6.0         2706 1801           ECLASS 7.0         27080907           ECLASS 7.0         27080907           ECLASS 8.0         27080907           ECLASS 8.0         27080907           ECLASS 9.0         27080907           ECLASS 9.1         1	Tightening torque	0,6 Nm
Tread         M12 x 1           Coding         Y           Markail         PUR           With across flats         SW13           Degrare of protection (FLN EG 0029)         IP65, IP67           Commercial data         27068037           ECLASS 6.0         27068037           ECLASS 7.0         27068037	Mounting method	inserted, screwed
Oxing         V           Material         PUR           Waterial         PUR           Waterial         SW13           Dagree of protection (EN EC 60620)         PE65. PE67           Commercial data         27061901           ECLASS 4.0         27060307           ECLASS 5.1         27060307           ECLASS 4.0         27060030	Family construction form	M12
Mathania PUR     Wink accoss flats.     SW13     Surgere of proteinal (FLEC 6050)     P65, P67      Commercial data     ECLASS 6.0     27060307     2706030     2706000     2706000     2706000     2706000     2706000     2706000     2706000     2706000     2706000     2706000     2706000     2706000     2706000     2706000     2706000     2706000	Thread	M12 x 1
Widh across flas         SW13           Daptes of potection (EN IEC 60529)         IP65, IP67           Commercial des         E           EGLASS 6.0         27081991           EGLASS 6.1         27060307           EGLASS 7.0         27060307           EGLASS 7.0 <td< td=""><td>Coding</td><td>Y</td></td<>	Coding	Y
Degree of protection (EN IEC 60529)         IP65, IP67           Commercial data         IP65, IP67           ECLASS 6.0         27060307           ECLASS 7.0         27060307           ECLASS 9.0         27060307           ECLASS 9.1         0           Protection da 1 Suppi         405509019542           Packaging unit         1           Electricad da 1 Suppi         90 V           Operating voltage CO max.         50 V           Operating voltage CO max.         50 V           Operating voltage CO max.         50 V           Operating voltage CO max.         10 V           Operating voltage CO max.         10 V           Operating voltage CO max	Material	PUR
Commercial data       ECLASS-6.0     27061801       ECLASS-7.0     27060307       ECLASS-7.0     27060307       ECLASS-8.0     27060307       ECLASS-8.1     27060307       ECLASS-8.11     27060307       ECLASS-8.11     27060307       ECLASS-8.11     27060307       ECLASS-12.0     27060307       ETM-5.0     EC000530       Devotors tarff number     6544290       GTM     405599019542       Packaging unit     1       Electrical al Supply     Electrical al Supply       Operating voltage AC max.     50 V       Operating voltage DC max.     10 MEVS       Industrial communication Electricat     10 V       Industrial communication Electricat     10 V       I	Width across flats	SW13
ECLASS 6.0     27061801       ECLASS 5.1     27068307       ECLASS 5.0     27068307       ECLASS 5.0     27068307       ECLASS 5.0     27068307       ECLASS 5.0     27068307       ECLASS 5.1.1     27068307       ECLASS 5.2     27069307       ETIM 5.0     E000930       catoms furfi number     8544290       GTIN     405692091542       Packaging unft     1       Etercted data [Suppty     Operating voltage AC max.       Operating voltage AC max.     50 V       Operating voltage AC max.     50 A       Industrial communication     Full voltage AC max.       Industrial communication     Full voltage AC max.       <	Degree of protection (EN IEC 60529)	IP65, IP67
ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-1.1         27060307           ECLASS-1.3         27060307           ECLASS-1.4         27060307           ECLASS-1.3         27060307           ECLASS-1.4         27060307           ECLASS-1.3         27060307           ECLASS-1.3         27060307           ECLASS-1.3         27060307           ECLASS-1.3         27060307           ECLASS-2.0         27060307           ECLASS-2.0         27060307           ECLASS-2.0         27060307           ECLASS-2.0         27060307           ECLASS-2.0         27060307           ECLASS-2.0         27060307	Commercial data	
ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-8.0         27060307           ECLASS-11.1         27060307           ECLASS-11.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETM-5.0         EC0006307           Cutations tailf number         8544220           Control of Status         50 V           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage DC max.         10 V           Detatitat communication I         6 A           Industriat communication I         6 A           Industriat communication I         10 MB/v           Industriat communication I         10 MB/v           Industriat	ECLASS-6.0	27061801
ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           Customs Eutiff number         65444280           GITM         406590019842           Patcaging unil         1           Electrical data [ Supply            Operating voltage DC max.         50 V           Operating voltage DC max.         50 V           Operating voltage DC max.         05 A           Operating voltage DC max.         05 A           Operating voltage DC max.         0.5 A           Operating reameters         CATS. Class D (ISO/IEC 11801:2002). (EN 50173-1)           Data transmission rate max.         100 MBI/s           Industrial communication   Electrical         Industrial communication [ Electrical           Mouning set         M12 x 1           Datic protection   Electrical         Industrial communicati p	ECLASS-6.1	27060307
ECLASS-9.0     27660307       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC000830       outsoms taff number     8544290       GTM     405509019542       Packaging unit     1       Electrical data [Suply     Electrical data [Suply       Operating voltage DC max.     50 V       Operating voltage DC max.     10 V       Operating voltage DC max.     0.5 A       Operating voltage DC max.     10 V       Industrial communication     It is	ECLASS-7.0	27060307
EQLASS-10.1         27060307           EQLASS-11.1         27060307           EQLASS-12.0         27060307           ETIM-5.0         EC000830           customs traiff number         85444290           GTIN         405590301942           Packaging unt         1           Electrical datal Supply            Operating voltage DC max.         50 V           Operating voltage DC max.         05 V           Operating voltage DC max.         01 V           Industrial communication         Industrial communication           Industrial communication Electron         Industrial communication           Industrial communication	ECLASS-8.0	27060307
EQLASS-11.1     27060307       EQLASS-12.0     27060307       EQLASS-12.0     27060307       EQLASS-12.0     27060307       EQLASS-12.0     27060307       Caustoms tariff number     85444290       customs tariff number     85444290       GTIN     406590919542       Packaging unit     1       Electrical data   Supply     V       Operating voltage DC max.     50 V       Operating voltage DC max.     10 V       Operating voltage DC max.     10 V       Industrial communication     Industrial communication       Industrial communication     Full duplox       Industrial communication     Industrial communication       Approx     Industrial communication       Approx     Ntare       Additoral condition protection legree     3	ECLASS-9.0	27060307
ECLASS-12.0         27060307           ETIM-5.0         EC000830           cardoms tariff number         85444290           GTIN         4065909019542           Packaging unit         1           Electrical data [Supply	ECLASS-10.1	27060307
ETIM-S.0         EC000830           customs tailf number         85444290           GTIN         406590919542           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 current per data contact max.         0.5 A           Operating current per data contact max.         0.5 A           Industrial communication            Transfer parameters         CATS. Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Elternet functionality            Mounting set         M12 x 1           Device protection   Electrical            Additional condition protection degree         inserted, screwed           Pollution Degree         3           Reted surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Mechanical data         Mickeled           Contor for corrugated hose         without           Mechanical data   Material data         Zinc die-casting           Coating of fitting	ECLASS-11.1	27060307
cuistoms tariff number         85444290           GTIN         40655999019542           Packaging unit         1           Electrical dial Supply            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 opwer contact max.         6 A           Industrial communication            Tarlafer parameters         CAT5, Class D ((SO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBK's           Industrial communication   Electrical            Mounting set         M12 x 1           Device protection   Electrical            Additional condition protection degree         3           Pated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data            Costing of fitting         nickel plated           Costing of fitting         nickel plated           Costing of fitting         nickel plated           Costur for corrugaled hose         Winbut	ECLASS-12.0	27060307
GTIN     4065909019542       Packaging unit     1       Electrical data   Supply     Operating voltage AC max     50 V       Operating voltage AC max     50 V       Operating voltage CC 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     W12 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     Image: Contage in the casting       Contor for corrugated hose     without       Mechanical data     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting	ETIM-5.0	
Packaging unit         1           Electrical data   Supply	customs tariff number	85444290
Electrical data   Supply         Operating voltage AC max.       50 V         Operating voltage DC max.       50 V         Operating voltage DC max. (UL-listd)       30 V         Operating voltage DC max. (UL-listd)       30 V         Operating current per data contact max.       6 A         Industrial communication       6 A         Industrial communication   Ethernet functionality       00 MBit/s         Industrial communication   Ethernet functionality       00 MBit/s         Industrial communication   Ethernet functionality       Full duplex         Mounting set       M12 x 1         Device protection   Electrical       Serwed         Politation Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data       Since (e-casting         Contrue ror orgated hose       without         Mechanical data       Zinc (ie-casting         Coating of fitting       nickel plated         Locking material       Zinc Gie-casting <tr< td=""><td>GTIN</td><td>4065909019542</td></tr<>	GTIN	4065909019542
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 oware contact max.         6 A           Industrial communication         E           Transfer parameters         CAT5. Class D (ISO/IEC 11801:2002). (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality         E           Mounting set         M12 x 1           Device protection   Electrical         M12 x 1           Additional condition protection degree         inserted, screwed           Polition Degree         3           Rate darge voltage         0.8 kV           Material group (EC 60664-1)         1           Mechanical data         Mickeled           Contour for corrugated hose         without           Material group (EC 60664-1)         1           Mechanical data   Material data         Zinc die-casting           Material group (EC 60664-1)         I           Mechanical data   Material cotac         Zinc die-casting           Material screw connection	Packaging unit	1
Operating voltage DC max.         50 V           Operating voltage DC max.         30 V           Operating current per data contact max.         0.5 A           Operating current per power contact max.         6 A           Industrial communication         Industrial communication           Industrial communication         Example Contact max.           Industrial communication         100 MBit/s           Industrial communication   Ethernet functionality         Idustrial communication   Ethernet functionality           duplex         Full duplex         Full duplex           Installation   Connection         M12 x 1         Installation   Connection           Boldition andition protection degree         inserted, screwed         Pollution Degree         3           Pollution Degree         3         Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1         Inscherical data         Inscherical data           Contour for corrugated hose         without         Inscherical data         Inscherical data           Coating of fitting         nickel plated         Inscherical data         Inscherical data           Coating of fitting         Zinc die-casting         Inscherical data         Inscherical data           Material screw connection         Zinc die-casting	Electrical data   Supply	
Operating voltage DC max. (UL-listed)         30 V           Operating current per data contact max.         0.5 A           Operating current per ower contact max.         6 A           Industrial communication         F           Transfer parameters         CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality         G           duplex         Full duplex           Installation   Connection         M12 x 1           Device protection   Electrical         M12 x 1           Additional condition protection degree         inserted, screwed           Poliution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Mechanical data         Contour for corrugated hose           Vickeled         Vickeled           Coating of fitting         Nickeled           Coating of fitting         Zinc die-casting           Material screw connection         Zinc die-casting           Material scre	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         Fransfer 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         Industrial communication   Ethernet functionality           duplex         Full duplex         Full duplex           Installation   Connection         Installation   Connection   Electrical           Additional condition protection degree         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         Imaterial data           Contour for corrugated hose         without           Mechanical data   Material data         Coating of fitting           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Sinserted, screwed, Shaking protection <td>Operating voltage DC max.</td> <td>50 V</td>	Operating voltage DC max.	50 V
Operating current per power contact max.         6 A           Industrial communication         Fansfer 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         Full duplex         Full duplex           Installation   Connection         Full duplex         Full duplex           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data            Contour for corrugated hose         without           Mechanical data            Coating of fitting         nickele plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Strewed, 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         Industrial communication   Ethernet functionality           duplex         Full duplex         Full duplex           Installation   Connection         Iternet functionality         Iternet functionality           Mounting set         M12 x 1         Iternet functionality           Device protection   Electrical         Iternet functionality         Iternet functionality           Additional condition protection degree         inserted, screwed         Pollution Degree         3           Rated surge voltage         0.8 kV         Material group (IEC 60664-1)         I           Mechanical data         Material group (IEC 60664-1)         I         Iternet functionality           Mechanical data         Material group (IEC 60664-1)         I         Iternet functionality           Contror for corrugated hose         without         Iternet functionality         Iternet functionality           Mechanical data         Material data         Coating locking         Nickeled         Iternet functionality           Coating of fitting         nickel plated         Zinc die-casting         Iternet casting </td <td>Operating current per data contact max.</td> <td>0,5 A</td>	Operating current per data contact max.	0,5 A
Tansfer parameters       CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.       100 MBit/s         Industrial communication   Ethernet furctions       Full duplex         duplex       Full duplex         Installation   Connection       Full duplex         Mounting set       M12 x 1         Pevice protection   Electrical       inserted, screwed         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         Coating locking       Nickeled         Coating locking       Nickeled         Coating of fitting       Inc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Nickeled         Coating material       Mounting data         Mechanical data   Mounting data       Serewed, Shaking protection         Material screw connection       Serewed, 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     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       Material screw connection     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)       1         Mechanical data       without         Contour for corrugated hose       without         Mechanical data   Material data       Use Plated         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       In serted, screwed, Shaking protection         Environmental characteristics   Climatic       Strewed, Shaking protection	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
duplex     Full duplex       Installation   Connection     M12 x 1       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     vithout       Contour for corrugated hose     without       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Furditional continational contecontinational contecontinational continational conteconti	Data transmission rate max.	100 MBit/s
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         V           Contour for corrugated hose         without           Mechanical data   Material data         V           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         V	Industrial communication   Ethernet func	tionality
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         V           Contour for corrugated hose         without           Mechanical data   Material data         V           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         V	duplex	Full duplex
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         inserted, screwed           Mechanical data         without           Mechanical data   Material data         vithout           Contour for corrugated hose         without           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection		
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       1         Contour for corrugated hose       without         Mechanical data   Material data       vithout         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		M10 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       1         Contour for corrugated hose       without         Mechanical data   Material data       vithout         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Vinceled, screwed, Shaking protection         Environmental characteristics   Climatic       Visceled, screwed, Shaking protection		
Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Mechanical data       ithout         Contour for corrugated hose       without         Mechanical data   Material data       V         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		
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       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       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Vickeled		
Mechanical data       without         Contour for corrugated hose       without         Mechanical data   Material data       Meterial 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
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       Nickeled         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       Nickeled         Mounting method       inserted, screwed, Shaking protection	Mechanical 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	Contour for corrugated hose	without
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	
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	Coating locking	Nickeled
Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection	Coating of fitting	nickel plated
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic	Locking material	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
	Environmental characteristics   Climatic	
		-25 °C
mation in this Product-PDE has been compiled with the utmost care.		

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: 2024-06-26



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			
· ·	black, brown, white, blue, (orange-white, green, orange, green-white)		
wire arrangement	805		
Cable identification			
Jacket Color	green		
Type of Certificate	cURus		
Amount stranding	1 Automa annual d'Eillen huistad		
Stranding	4 wires around 1 Filler twisted		
Amount stranding (type 2)	1 A wirea around Stranding combination with Filler twisted		
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		
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Current load capacity min. wire	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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