

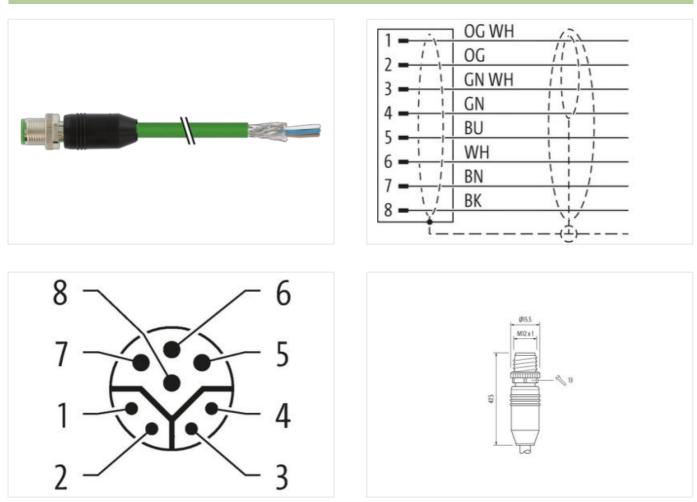
M12 male 0° Y-cod. with cable shielded

PUR AWG20/26 shielded gn UL/CSA+drag ch. 6m

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

6 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: 2024-05-16



Muuring mehod Instruktion korm M12 Fandy construction form M12 x 1 Coding Y Multication PUR With accoss fats SW13 Degree of profession (ENEC DSSS) IPP7 Commonication 2706/001 Degree of profession (ENEC DSSSS) IPP7 Commonication (ENEC DSSSS) 2706/0027 ECLASS - 0 2706/0027 ECLASS - 10 2706/0027 ECLASS -	Tightening torque	0,6 Nm
Thread M2 x 1 Coding Y Coding Y With access fitts SV13 Degree of protection (S NE 050529) IP67 Commercial data ECLASS.4.0 27060307 ECLASS.4.0 27060307 ECLASS.4.1 ECLASS.5.1 27060307 ECLASS.5.0 ECLASS.6.1 27060307 ECLASS.6.1 ECLASS.6.1 27060307 ECLASS.6.1 ECLASS.6.1 27060307 ECLASS.6.1 ECLASS.6.1.1 27060307 ECLASS.6.1 ECLASS.1.1 27060307 ECLASS.7.2 ECLASS.1.1 27060307 ECLASS.7.2 Packaging umit 1 ECLASS.7.2 Packaging umit 1 ECLASS.7.2 Packaging umit 1 ECLASS.7.2 Packaging umit 1 ECLASS.7 Packaging umit 1 ECLASS.7 Packaging umit 1 ECLASS.7 Packaging umit 1 ECLASS.7 Packaging unit 1 ECLASS.7	Mounting method	inserted, screwed
Coding Y Material PUR With arcsis fits SW13 Degree of protection (EN EC 95020) IP67 Commercial data 27061801 ECLASS 6.0 27061801 ECLASS 5.1 27060307 ECLASS 7.0 27060307 Collass 7.0 27060307 ECLASS 7.0 27060307 Operating routing 1 ECLASS 7.0 27060307 Operating routing 1 Electrical data [Supply Operating routing AC max. Operating routing AC max. 50 V Operating routing AC max. 50 V Operating routing AC max. 50 V Operating routing AC max. 50 A Operating routing AC max. 50 A Operating routing AC max.	Family construction form	M12
Material PUR With accose flats SW13 Degree of protection (EV EC 80529) IP67 Connectiol data 20000007 EGLASS 6.0 27060007 EGLASS 7.0 27060007 EGLASS 7.1 27060007 EGLASS 7.1 27060007 EGLASS 7.2.0 27060007 EGLASS 7.1 27060007 EGLASS 7.10 27060007 EGLASS 7.00 27060007 EGLASS 7.00 27060007 Eglachard 10xxxxxx	Thread	M12 x 1
Widh across Rats SW13 Dagree of protection (EN IEC 60528) IPP7 Commercial Gat EC ASS 6.0 27061901 EC ASS 6.0 27061907 EC ASS 6.0 EC ASS 6.0 EC ASS 6.0 27060307 EC ASS 6.0 EC ASS 6.0 EC ASS 5.0.0 27060307 EC ASS 5.0 EC ASS 5.0 EC ASS 5.0.1 27060307 EC ASS 5.0 EC ASS 5.0 EC ASS 5.0.1 27060307 EC ASS 5.0 EC ASS 5.0 EC ASS 5.0.0 27060307 EC ASS 5.0 EC ASS 5.0 EC ASS 5.0.0 27060307 EC ASS 5.0 EC ASS 5.0 CASS 5.0.0 27060307 EC ASS 5.0 EC ASS 5.0 CasS at IIT number 8544280 EC ASS 5.0 EC ASS 5.0 Other Station Stati	Coding	γ
Degree of protection (EN IEC 60529) IP67 Commercial data PP67 ECLASS-6.0 27061901 ECLASS-6.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 Constains fairfi number 85444290 GTIM 4049875844907 Packaging unit 1 ECEACRS-10.1 50 V Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage CO Clusted) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage CO Clusted) <t< td=""><td>Material</td><td>PUR</td></t<>	Material	PUR
Commercial data ECLASS-6.0 27061807 ECLASS-7.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 Cuchass Laff number 85444280 GTIM 494897846967 Packaging unit 1 Electrical data [Suppi 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 Industrial communication (UL) </td <td>Width across flats</td> <td>SW13</td>	Width across flats	SW13
ECLASS 6.0 27061901 ECLASS 7.0 27060307 ECLASS 1.0 27060307 ECLASS 1.1 27060307 Customs tariff number 85444290 Customs tariff number 85444290 GTIN 4048878946967 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage contact (UL) 31 A <t< td=""><td>Degree of protection (EN IEC 60529)</td><td>IP67</td></t<>	Degree of protection (EN IEC 60529)	IP67
ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2.0 27060307 Castoms taiff number 8544290 GTIN 4048879849867 Packaging unt 1 Electrical data [Sopty Coparting voltage AC max. Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating origang DC (UL-listed) 30 V Current operating voltage AC (UL-listed) 30 V Carrent operating voltage AC (UL-listed) 30 V Carrent operating voltage DC (UL-listed) 30 V Detat transmission rate max. 10 KB K3 Industrial communication K15, Class D (ISO/IEC 118012002), (E	Commercial data	
ECLASS 7.0 27060307 ECLASS 8.0 27060307 ECLASS 9.0 27060307 ECLASS 9.11 27060307 ECLASS 1.1 27060307 ECLASS 1.1 27060307 ECLASS 1.1 27060307 ECLASS 1.1 27060307 Deckass 1.1 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 10 MB/s Industrial communication 10	ECLASS-6.0	27061801
EQLASS 8.0 27060307 EQLASS 9.0 27060307 EQLASS 9.0 27060307 EQLASS 1.1 27060307 EQLASS 1.2.0 27060307 EQLASS 1.2.0 27060307 EQLASS 1.2.0 27060307 EQLASS 1.2.0 27060307 Constrms triff number 6544290 GTIN 4048879646967 Packaging unit 1 Electrical data Supply Constrain voltage AC max. Operating voltage AC max. 50 V Operating voltage AC (LL-listed) 30 V Operating voltage AC (LL-listed) 30 V Operating unit per contact max. 6 A Industrial communication Contact max. Operating unit per data contact max. 6 A Industrial communication I Contact max. Industrial communication I Electrical data Max. Industrial communication I Electrical data Max. Industrial communication I Element functionality Contact max. Upix Full duplox Industrial communication I Element functionality Contact max.	ECLASS-6.1	27060307
ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 casions tariff number 85444290 GTIN 404857946967 Packaging unit 1 Electrical datal Supply	ECLASS-7.0	27060307
ECLASS-10.1 27060307 ECLASS-12.0 27060307 customs tariff number 85444290 GTIN 4048278449867 Packaging unit 1 Electrical dia Supply 0 Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC (LL-listed) 30 V Operating uner portage voltage AC (LL-listed) 30 V Operating uner portage voltage AC (LL-listed) 30 V Operating uner power contact max. 6 A Industrial communication Transfer parameters Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBU/s Industrial communication Ethernet functionality Molex Mouting set M12 x 1 Device protection / Etectrical Additional condition protection degree Additional condition protection	ECLASS-8.0	27060307
ECLASS-11.1 27060307 ECLASS-12.0 27060307 outsoms tailffumber 8544290 GTIN 4048879846967 Packaging unit 1 Electrical data [Supply Compariting voltage AC max. Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC (UL-isted) 30 V Operating current per data contact max. 0.5 A Operating current per power contact dux. 6 A Industrial communication Tomater per power contact max. Transfe parameters CATS. Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication I Electrical Mouting set Mouting set M12 × 1 Device protection I Electrical Mouting set Material arong (EG 6064-1) 1 Material data (EG 6064-1) 1 Material datone (EG 6064-1) 1	ECLASS-9.0	27060307
ECLASS-12.0 27060307 customs tariff number 85444290 GTN 4048879846967 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 50 V Operating urrent per power contact max. 0.5 A Industrial communication Catase D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Electrical Material communication Electrical Additional condition protection degree inserted, screwed Polucion Degree 3 Relate surge voltage 0.8 k/V Material group (IE	ECLASS-10.1	27060307
customs tariff number 85444290 GTIN 4048879846967 Packaging unit 1 Electrical data [Supply Coperating voltage AC max. 50 V Operating voltage AC max. 50 V Coperating voltage DC max. 50 V Operating voltage DC max. 50 V Coperating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Coperating voltage DC (UL-listed) 30 V Current operating per contact (UL) 3.3 A Coperating voltage DC (UL-listed) Coperating current per power contact max. Coperating voltage DC (UL-listed) Industrial communication Industrial communication Industrial communication Industrial communication Industrial communication Ethernet functionality Uppex Full duplex Industrial communication Industrial communication Ethernet functionality Industrial communication Industrial communication Industrial communication Ethernet functionality Industrial communication Industrial communication Industrial communication Ethernet function	ECLASS-11.1	27060307
GTIN 4048879846967 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Coperating voltage AC (UL-listed) 30 V Coperating per contact (UL) 3.3 A Operating ourent per data contact max. 0.5 A Operating ourent per data contact max. 0.5 A Operating ourent per data contact max. 0.5 A Operating ourent per observe 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 Muplex Full duplex Installation Connection Installation Connection Mounting set M12 x 1 Device protection Electrical Addition protection degree Pater agroup (IEC 60664-1) 1 Meterial group (IEC 60664-1) 1 Meterial group (IEC 60664-1) 1 Meterial data	ECLASS-12.0	27060307
Packaging unit 1 Electrical 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 voltage AC (UL-listed) 30 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 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 tunce/Data (UL) Number S Industrial communication Ethernet tunce/Data (UL) Installation Connection Mounting set Full duplex Full duplex Installation Connection degree Installation Connection degree Inserted, screwed Pollution Degree 3 S S S S Cating torking material data Cating torking in the listed Coating torking in the listed Coating torking in the listed decating dematerial data Coating torking in the listed decating decating decating in the listed decating decating in the liste	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 Operating outge DC (UL-listed) 30 V Operating outge 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 Idoublex Industrial 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-casting Material Coremetini Zinc die-casting Material Screw contaction Zinc die-casting Material IMounting method inserted, screwed, Shaking protection<	GTIN	4048879846967
Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC (LL-isted) 30 V Operating voltage AC (LL-isted) 30 V Current operating per contact (UL) 3.3 A Operating current per data contact max. 0.5 A Operating current per data contact max. 0.5 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 Connection Full duplex Industrial communication Ethernet functionality duplex Industrial condition protection degree inserted, screwed Poliution Degree 3 Additional condition protection degree inserted, screwed Poliution 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 material Zinc die-casting Material Screw conneciton <td>Packaging unit</td> <td>1</td>	Packaging unit	1
Operating voltage DC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating uncern per data contact max. 0.5 A Operating current per power contact (UL) 3.3 A Operating current per power 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 duplex Industrial communication Ethernet functionality duplex Industrial connunication Ethernet functionality duplex Industrial contection Full duplex Installation Connection M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Pollutin Degree 3 Rated surge voltage 0.8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Cance casting Material group contexion Zinc die-casting	Electrical data Supply	
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 other 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 Industrial communication Ethernet functionality duplex Industrial contection Full duplex Installation Connection Full duplex Installation Connection Hit2 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 sorge connection Zinc die-casting Mechanical data Material data Zinc die-casting Material sorge connection Zinc die-casting Material sorge connection Zinc	Operating voltage AC max.	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 full Full duplex Installation Connection M12 x 1 Device protection Electrical M12 x 1 Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Zinc die-casting Coating looking Nickeled Coating looking Nickeled Coating in material Zinc die-casting Material rever connection Zinc die-casting Material strew connection Zinc die-casting Material strew connection Zinc die-casting Material strew connection Zinc die-casting <	Operating voltage DC max.	50 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 Iduplex Industrial communication Ethernet functionality Iduplex Installation Connection Mult x 1 Device protection Electrical Inserted, screwed Pollution Degree 3 Rated surge voltage 0.8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Coating of fitting nickele plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Image: Coating or Im	Operating voltage AC (UL-listed)	30 V
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 Industrial communication Ethernet functionality duplex Full duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Ethernet inserted, screwed Polution Degree 3 Polution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I I Methical data Metrial group (IEC 60664-1) I Ice-casting Material group (IEC 60664-1)	Operating voltage DC (UL-listed)	30 V
Operating current per power contact max. 6 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality 100 uplex Industrial communication Ethernet functionality 100 uplex Installation Connection Full duplex Installation Connection 101 upper uppe	Current operating per contact (UL)	3,3 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 Idustrial communication Ethernet functionality duplex Full duplex Full duplex Installation Connection Installation Connection Mounting set M12 x 1 Device protection Etectrical 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 Material data Coating of fitting 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 Dentering temperature min. -25 °C	Operating current per data contact max.	0,5 A
Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex duplex Full duplex Installation Connection M12 x 1 Device protection Electrical M12 x 1 Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating locking Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection	Operating current per power contact max.	6 A
Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating locking Nickeled Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data mounting protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Coating temperature min.	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 Coating locking Coating locking Nickeled Coating string nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Coating temperature min.	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
duplex Full duplex Installation Connection Mil2 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 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 Environmental characteristics Climatic Co Operating temperature min. -25 °C	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 Coating locking Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Muterial screw connection Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climati	Industrial communication Ethernet fund	ctionality
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 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 -25 °C	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) 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 Material screw connection Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C	Installation Connection	
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Keled 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 Environmental characteristics Climatic -25 °C		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 Inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C	-	
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 Environmental characteristics Climatic -25 °C		inserted, screwed
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 Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C		· · · · · · · · · · · · · · · · · · ·
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 Environmental characteristics Climatic -25 °C		
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 -25 °C		
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 -25 °C Operating temperature min. -25 °C	Mechanical data Material data	
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 -25 °C Operating temperature min. -25 °C	Coating locking	Nickeled
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 -25 °C		
Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C		·
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C		-
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C	Mechanical data Mounting data	
Environmental characteristics Climatic Operating temperature min25 °C		inserted, screwed, Shaking protection
Operating temperature min25 °C	-	
	· · ·	
		<u></u>

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: 2024-05-16



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	
	205
Cable identification	805
Jacket Color	green
Type of Certificate	cURus 1
Amount stranding	-
Stranding	4 wires around 1 Filler twisted 1
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)
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
ngredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires (Data)	4
Amount strands wire (Data)	19
Diameter of single wires (Data)	26 AWG
Conductor crosssection wire (Data)	26 AWG
Material conductor wire (Data)	Stranded copper wire, bare
Traversing distance (C-track)	5 m
Nominal voltage AC max.	60 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	5,9 A
Current load capacity min. Wire (Data)	2 A

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: 2024-05-16



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

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: 2024-05-16