

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

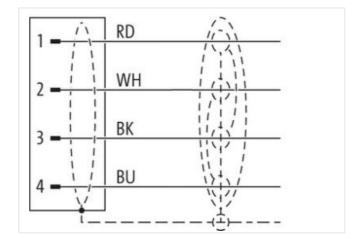
PUR AWG24+22 shielded vt UL/CSA+drag ch. 1m

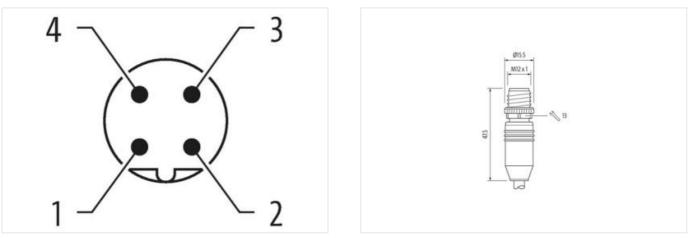
Male straight M12, 4-pole B-coded shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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: 2024-05-20

1 m

0,6 Nm

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ThreadM12 x 1CodingBMaterialPURNo. of poles4With across flatsSW13Degree of protection (EN IEC 60529)IPO7Side 2StoreStripping length (lacket)20 mmCommercial data27061801ECLASS-6.027061801ECLASS-6.127060307ECLASS-6.127060307ECLASS-6.027060307ECLASS-6.027060307ECLASS-6.127060307ECLASS-7.027060307ECLASS-8.027060307ECLASS-8.1.127060307ECLASS-1.127060307ECLASS-1.227060307ECLASS-1.327060307ECLASS-1.427060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.227060307ECLASS-1.327060307ECLASS-1.427060307ECLASS-1.520001865customs tarff number85444290Gritts404887977373Packaging unit1Electrical data   SupplyCurrent operating per contact max.60 VOperating voltage AC max.60 VOperating voltage AC max.60 VOperating outstage OC max.60 VCurrent operating per contact max.4 A <tr< th=""><th>Mounting method</th><th>inserted, screwed</th></tr<>	Mounting method	inserted, screwed
CadingBMaterialPURNot opies4Witch access furitsSW13Degree of protection (EN IEG 50529)IP67Side 2UmCommercial distal200 mlCommercial distal2006307EGLASS-8.12056307EGLASS-8.02056307EGLASS-1.02056307EGLASS-1.12056307EGLASS-1.12056307EGLASS-1.12056307EGLASS-1.12056307EGLASS-1.12056307EGLASS-1.12056307EGLASS-1.22056307EGLASS-1.32056307EGLASS-1.42056307EGLASS-1.12056307EGLASS-1.22056307<	Family construction form	M12
Maserial         PUR           No. of polo         4           Word micros filta's         SW13           Degree of protection (EN IEC 6529)         IP67           Side 2         Side 2           Side A         Side 2           Commercial data         200 nm           Commercial data         2005000 / 000000000000000000000000000000	Thread	M12 x 1
No. of poles         4           Work access fatts         SW13           Degree of poleckol (EN EC 05528)         IP67           Side 2         Side 2           Commercial length (polet)         200 km           Commercial length (polet)         200 km           ECLASS-6.0         2061801           ECLASS-6.1         2060307           ECLASS-7.0         2060307           ECLASS-8.0         2060307           ECLASS-8.1         2060307           ECLASS-1.1         2060307           ECLASS-1.1         2060307           ECLASS-1.1         2060307           ECLASS-1.1         2060307           ECLASS-1.1         2060307           ECLASS-1.2         2060307           ECLASS-1.1         2060307           ECLASS-1.2         2060307           ECLASS-1.0         2060307           ECLASS-1.0         20600307           ECLASS-1.1         2060307           ECLASS-1.0         2060307           ECLASS-1.0         2060307           ECLASS-1.0         2060185           Colass I.1         2060185           Colass I.1         40482717373           Packajor untit	Coding	В
With acces flais         WH3           Degree of protection (EN IEC 68528)         IPO7           Strapping longth (jackel)         20 mm           Commercial data         E           ECLASS 6.0         27061901           ECLASS 6.1         27060307           ECLASS 8.0         27060307           ECLASS 8.0         27060307           ECLASS 8.0         27060307           ECLASS 8.1         27060307           ECLASS 8.1.1         27060307           ECLASS 8.1.2         27060307           ECLASS 8.1.1         27060307           ECLASS 8.1.2.0         27060307           ECLASS 8.1.1         27060307           ECLASS 8.1.2.0         27060307           ECLASS 8.1.2.0         27060307           ECLASS 8.1.2.0         27060307           ECLASS 8.1.2.0         27060307           ECLASS 9.0         ECON 855           caratim staff innther         8544220           GTIN         408487971373           Packaging unit         1           Electrical data [Supply         Coperating values AC max.           Operating values AC max.         60 V           Current operating values AC max.         60 V           Ev	Material	PUR
Degree of protection (EN IEC 60529)         IP67           Stde 2         Stripping length (jackel)         20 mm           Commercial dat         20061307         20061307           ECLASS 6.0         27060307         20060307           ECLASS 8.0         27060307         20060307           ECLASS 8.0         27060307         20060307           ECLASS 8.1         27060307         20060307           ECLASS 8.1.1         27060307         20060307           ECLASS 8.1.1         27060307         20060307           ECLASS 8.1.1         27060307         20060307           ECLASS 8.1.1         27060307         20060307           ECLASS 8.1.2         202060307         20060307           ECLASS 9.1.1         27060307         20060307           ECLASS 9.1.1         27060307         20060307           ECLASS 9.1.1         27060307         2006037           ECLASS 9.1.1         27060307         2006037           ECLASS 9.1.1         27060307         20001           ECLASS 9.1.1         27060307         20001           ECLASS 9.1.1         27060307         20001           ECLASS 9.2.0         27060307         20001           ECLASS 9.1.1	No. of poles	4
SHipping length (jacket)         20 mm           Connectoil data         20000300           ECLASS-6.0         27000307           ECLASS 7.0         27000307           ECLASS 8.0         27000307           ECLASS 8.1.1         27000307           ECLASS 8.1.2         27000307           ECLASS 8.1.3         27000307           ECLASS 8.1.0         27000307           ECLASS 8.1.0         27000307           ECLASS 8.1.1         27000307           ECLASS 8.1.2         27000307           ECLASS 8.1.3         27000307           ECLASS 8.1.0         27000307	Width across flats	SW13
Shiping length (soket)         20 mm           Connecial data         E           EGLASS 6.0         27060307           EGLASS 7.0         27060307           EGLASS 7.0         27060307           EGLASS 8.0         27060307           EGLASS 7.0         27060307           EGLASS 7.0         27060307           EGLASS 7.1         27060307           EGLASS 7.1.1         27060307           EGLASS 7.2.0         27060307           EGLASS 7.1.1         27060307           EGLASS 7.1.1         27060307           EGLASS 7.2.0         27060307           EGLASS 7.1.1         27060307           EGLASS 7.1.1         27060307           EGLASS 7.1.1         27060307           EGLASS 7.2.0         27060307           EGLASS 7.3         27060307           EGLASS 7.3         27060307           EGLASS 7.1.0         27060307           EGLASS 7.1.1         27060307           Eglacial data	Degree of protection (EN IEC 60529)	IP67
Commercial data           ECLASS 6.0         2706101           ECLASS 6.0         27060307           ECLASS 7.0         27060307           ECLASS 8.0         27060307           ECLASS 8.0         27060307           ECLASS 8.0         27060307           ECLASS 8.0         27060307           ECLASS 10.1         27060307           ECLASS 12.0         27060307           Elethical data [Suppi         60 V           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Disteri protectin [Eletrical]	Side 2	
ECLASS-6.0     27061801       ECLASS-7.0     27069307       ECLASS-7.0     27069307       ECLASS-8.0     27069307       ECLASS-8.0     27069307       ECLASS-8.0     27069307       ECLASS-11     27069307       ECLASS-12.0     27069307       ECLASS-13.0     27069307       ECLASS-13.0     27069307       ECLASS-13.0     27069307       ECLASS-13.0     EC00695       customs tarff number     85444290       Custom tarff number     804473737       Packaging unit     1       Electrical data   Supply     U       Operating voltage AC max.     60 V       Current operating per contact max.     4 A       Installation   Connection     4 A       Installation   Connection     12 x 1       Device protection   Electrical     Material group (EC 60564-1)       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rotarial data     Material group (EC 60564-1)       Inderial group (EC 60564-1)	Stripping length (jacket)	20 mm
EGLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-1.1         27060307           ECLASS-1.2         27060307           ECLASS-1.1         27060307           ECLASS-1.1         27060307           ECLASS-1.1         27060307           ECLASS-1.2.0         27060307           ECLASS-1.3         27060307           ECLASS-1.4         27060307           ECLASS-1.4         27060307           ECLASS-1.1         1           Edechard Edita I Supply         2           Operating voltage AC max.         60 V           Defered Edita I Supple         20 mm           Mounting elenght (jacket)         20 mm <tr< td=""><td>Commercial data</td><td></td></tr<>	Commercial data	
ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETM-5.0         EC001955           customs staff number         65444290           GTIN         404897977373           Packaging unit         1           Electrical datal Supply	ECLASS-6.0	27061801
ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETM-5.0         ECO191655           outsoms tariff number         85444290           GTIN         404879717373           Packaging unit         1           Electrical data [Supply         Electrical data [Supply           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation [Connection         Electrical data           Stripping length (jacket)         20 mm           Mourling set         M12 x 1           Device protection [Electrical Accessed         Pollution Dagree           Alditonal condition protection degree         inserted, screwed           Pollution Dagree         3           Rated surge voltage         1,5 kV           Mechanical data         Mourling method           Contour for corrugated hase         without           Mechanical data [Material datad         Elea	ECLASS-6.1	27060307
ECLASS-9.0     27060307       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ETM-5.0     EC001855       Deviders Lardf Humber     85444200       GTIN     4048873717373       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Current operating apper context max.     4 A       Installation   Connection     Installation   Connection       Stripping length (tacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     Installation   Connection       Metarial group (UEC 60664-1)     1       Material group (UEC 60664-1)     1       Mechanical data     Installation       Mechanical data     Installation       Coating of King     Nickeled       Coating of King     Nickeled       Coating of King     Nickeled       Coating of King     Inc die casting       Material arcwe connection     Inc die casting       Material arcwe connection     Inc die casting       Material arcwe connection </td <td>ECLASS-7.0</td> <td>27060307</td>	ECLASS-7.0	27060307
ECLASS-10.1         27060307           ECLASS-11.0         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ECLASS-12.0         EC001855           customs Eatiff number         85444290           GTIN         4048979717373           Packaging unit         1           Electrical data   Supply         Common	ECLASS-8.0	27060307
ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC001855           ouxioms tariff number         85444290           GTIN         4048679717373           Packaging unit         1           Electrical data   Supply         Coperating voltage AC max.           Operating voltage AC max.         60 V           Coperating voltage AC max.         60 V           Corrent operating per contact max.         4 A           Installation   Connection         Stripping length (acket)           Stripping length (acket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Stripping length (acket)           Additional condition protection degree         isserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60684-1)         I           Mechanical data         Voltage AC max.           Contur or corrugate hose         without           Mechanical data         Voltage AC max.           Cotaring of fitting         nickel plated           Locking material         Strip di-casting           Mechanical data   Meterial data         Zinc di-casting<	ECLASS-9.0	27060307
ECLASS-12.0         27080307           ETIM-5.0         EC001855           customs taiff number         85444290           GTIN         4048879717373           Packaging unit         1           Electrical data   Supply         Contrast (Contrast (C	ECLASS-10.1	27060307
ETIM-6.0     EC001865       customs taiff number     85444290       GTIN     4048879717373       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     60 V       Operating voltage DC max.     60 V       Current operating per contact max.     4 A       Installation   Connection        Stripping length (jacket)     20 mn       Mounting set     M12 x 1       Device protection   Electrical        Additional condition protection degree     inserted, screwed       Pollucion Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data        Contur for corrugated hose     without       Mechanical data   Material data        Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Ico die-casting       Material screw connection     Zinc die-casting <tr< td=""><td>ECLASS-11.1</td><td>27060307</td></tr<>	ECLASS-11.1	27060307
customs tariff number         85444290           GTIN         4048879717373           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.           60 V         Operating voltage AC max.           00 V         Operating voltage AC max.           01 V         Operating voltage AC max.           02 Veriating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Installation   Software           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Installation Condition protection degree           3         Stripping length (jacket)           Match agregu (JCE 60664-1)         1           Mechanical data         Volte 60664-1)           Mechanical data         Volte 60664-1)           Material gradu (JCE 60664-1)         1           Mechanical data         Mitout           Mechanical data         Mitout           Mechanical data         Mitout           Mechanical data   Material data         Calo (JC 60664-1)           Coating of fitting         nickel plated           Coating of fitting         nickel	ECLASS-12.0	27060307
GTIN         4048879717373           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         50 V           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1.5 kV           Mechanical data         Control for corrugated hose           Without         Mechanical data           Coating of fitting         nickel plated           Looking motified         Zinc die-casing           Material screw connection         Since fie-casing           Material screw connection         Zinc die-casing           Mutting method         inserted, screwed, Shaking protection           Envi	ETIM-5.0	EC001855
Packaging unit       1         Electrical data   Supply       60 V         Operating voltage AC max.       60 V         Current operating per contact max.       4 A         Installation   Connection       Installation   Connection         Stripping length (jacket)       20 mm         Mounting set       M12 x 1         Device protection   Electrical       M12 x 1         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       1         Mechanical data       V         Contrur for corrugated hose       without         Mechanical data       Vickeled         Coating of fitting       nickel plated         Locking material       Zinc clie-casting         Material screw connection       Zinc clie-casting         Mechanical data [Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature range       85 °C         Additional condition temperature range       depending on cable quality	customs tariff number	85444290
Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Inserted, screwed           Additional condition protection degree         iserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data         User explored           Contour for corrugated hose         without           Mechanical data   Material data         User exasting           Coating of fitting         nickel plateld           Coating of fitting         zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Isored, screwed, Shaking protection           Environmental characteristis   Climatic         Cooling of fitting         inkel plated           Cooling of fitting         inkel plated         cooling concelion         Zinc die-casting           Material screw connection	GTIN	4048879717373
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Current operating per contact max.     4 A       Installation   Connection       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data     without       Contour for corrugated hose     without       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       Environmental characteristics   Climatic     Co       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Operating voltage AC max.	60 V
Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Instend, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data         Inserted, screwed           Contour for corrugated hose         without           Contour for corrugated hose         without           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Znc die-casting           Material screw connection         Zinc die-casting           Material screw former min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         depending on cable quality	Operating voltage DC max.	60 V
Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data         without           Mechanical data         Waterial data           Conting for curugated 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           Munting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Vickeled           Operating temperature min.         -25 °C           Operating temperature max,         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         depending on cable quality	Current operating per contact max.	4 A
Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data       I         Contour for corrugated hose       without         Mechanical data   Material data       I         Coating locking       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Mounting on cable quality	Installation   Connection	
Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data       I         Contour for corrugated hose       without         Mechanical data   Material data       I         Coating locking       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Mounting on cable quality	Stripping length (jacket)	20 mm
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data       vithout         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       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       -25 °C	Mounting set	M12 x 1
Pollution Degree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       1         Mechanical data       Image: Contour for corrugated hose         Contour for corrugated hose       without         Mechanical data       Image: Contour for corrugated hose         Coating locking       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Image: Contour for corrugated hose         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes	Device protection   Electrical	
Rated surge voltage       1,5 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       Vickeled         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Vickeled         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Vickele quality	Additional condition protection degree	inserted, screwed
Rated surge voltage       1,5 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       Vickeled         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Vickeled         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Vickele quality		
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         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes	-	1,5 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       Jinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       -25 °C	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         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality	Mechanical data	
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Material screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Environmental characteristics   Climatic		
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes	Material screw connection	
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Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes		
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Additional condition temperature range       depending on cable quality         Important installation notes       Important installation notes		
Important installation notes		
		appointing on outpic quality
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.		
		Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.

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: 2024-05-20

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Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable wire arrangement (white, blue), (black, red) Cable identification 803 Jacket Color violet Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 65 % Banding Foil Drain wire (cross-section) 22 AWG wire arrangement (white, blue), (black, red) Cable weigth 63,12 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) 6,9 mm Tolerance outer diameter (sheath) ±5% Material wire insulation PE Amount wires 2 Outer diameter insulation 2,1 mm Outer diameter tolerance core insulation ±5% Shore hardness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Drain wire (cross-section) 22 AWG Material conductor wire copper stranded wire, tinned Electrical function wire Data Material wire insulation (Data) PF Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (data) ± 53 % Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 22 AWG Diameter of single wires (Data) Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Nominal voltage AC max. 300 V to DIN VDE 0298-4 Current load capacity (standard) Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be

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Electrical resistance coating wire (Data)	54 Ω/km
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electric capacitance	40000 pF/km
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
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	DIN EN 60811-404   Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	1 Mio.
Traversing distance (C-track)	5 m
Travel speed (C-track)	3 m/s
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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