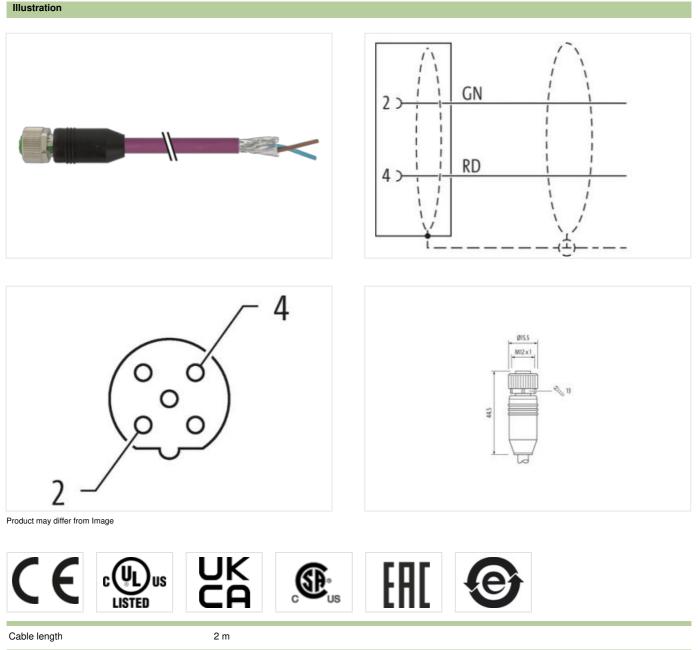


## M12 female 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 2m

PROFIBUS Female straight M12, 2-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



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: 2024-05-02

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Muuring mehod     metrid. kerweid       Family construction form     M12       Trimad     M12 x 1       Coding     B       Mearial     FUR       With accoss fund     SW 13       Degree of protector (ENIEC 60050)     FP69, IP69, IP67       Stds 2     Stds 2       ECLASS 6.0     2708/0007       ECLASS 6.1     2708/0007       ECLASS 7.0     2708/0007       ECLASS 7.1	Tightening torque	0,6 Nm
Thread     M12 x 1       Coding     B       Material     PUR       With access flats     SW13       Degree of prefaction (SN EG 50529)     IP65, IP66K, IP57       Side 2     Stropping length (lackert)     20 mn       Commercial ength (lackert)     20 mn     Commercial ength (lackert)       ECLASS 6.0     27061801     Commercial ength (lackert)       ECLASS 7.0     27060307     CECLASS 7.0       ECLASS 8.0     27060307     CECLASS 7.0       ECLASS 7.0     E7060307     CECLASS 7.0       Codins Linf Invator     8044920     CeclASS 7.0       GTIM     404897337814     POCASIN group on CeclASS 7.0       Porating voltage AC (LUL Islad)     30 V     Commercial data I Supply       Oporating v	Mounting method	inserted, screwed
CodingBMaterialPURWath arcsa flatsSW13Degree of protection (EN EC 50520)IPS, IP66(, IPS7Side 2SW19Storp Bright (acket)20 mConnecial data27050307ECLASS 6.027060307ECLASS 7.027060307ECLASS 8.027060307ECLASS 8.027060307ECLASS 9.027060307ECLASS 9.027060307ECLASS 9.027060307ECLASS 9.027060307ECLASS 1.127060307ECLASS 1.2.027060307ECLASS 1.327060307ECLASS 1.427060307ECLASS 1.52006307ECLASS 1.127060307ECLASS 1.2.027060307ECLASS 1.127060307ECLASS 1.127060307ECLASS 1.127060307ECLASS 1.127060307ECLASS 1.127060307ECLASS 1.2.027060307ECLASS 2.2.027060307ECLASS 2.2.027060307 <tr< td=""><td>Family construction form</td><td>M12</td></tr<>	Family construction form	M12
Material     PUF       Witch across flats     SW13       Degree of protection (EN EC 9552)     IPES, IPEGK, IPS7       Side 2     Commercial Second 200       Commercial Second 200     2006101       ECLASS 0.0     2006007       ECLASS 7.0     2006007       ECLASS 7.1     2006007       ECLASS 7.0     E006007       ECLASS 7.1     2006007       ECLASS 7.1     2006007       ECLASS 7.0     E007185       ECLASS 7.1     2006007       ECLASS 7.1     804400       Orum     80440	Thread	M12 x 1
Webh across Rets     SW13       Dagree of protection (EN IEC 60529)     MPS, IP60K, IP67       Side 2     Stripping length (acket)     20 mm       Connectal dats     E       ECLASS-6.0     27061801     E       ECLASS-6.0     27061807     E       ECLASS-6.0     27060307     E       ECLASS-6.0     27060307     E       ECLASS-6.0     27060307     E       ECLASS-6.1     27060307     E       ECLASS-1.1     27060307     E       Capasita Jangto A     E     E       Packaging unit     1     E       Edectric data J Supply     F     P       Operating valueg AC (UL-listed)     30 V     C	Coding	В
Degree of protection (EN IEC 60529)     IP66, IP66K, IP67       Side 2     Sige 2       Singer of protection (EN IEC 60529)     VP66, IP66K, IP67       Singer of protection (EN IEC 60529)     20 mm       Commercial dat     20 mm       ECLASS.6.0     27061807       ECLASS.7.0     27060307       ECLASS.7.0     27060307 <td>Material</td> <td>PUR</td>	Material	PUR
Sike 2       Strippin graph (locker)     20 mm       Connercial data     2000000000000000000000000000000000000	Width across flats	SW13
Stipping length (jacket),     20 mm       ECLASS 6.0     27081801       ECLASS 6.1     27080007       ECLASS 7.0     27080007       ECLASS 7.0     27080007       ECLASS 8.0     27080007       ECLASS 8.0.1     27080007       ECLASS 8.0.1     27080007       ECLASS 10.1     27080007       ECLASS 11.1     1       Edechast Suppit     1       Operating voltage AC max.     60 V       Operating voltage AC (ILL-listed)     30 V <td< td=""><td>Degree of protection (EN IEC 60529)</td><td>IP65, IP66K, IP67</td></td<>	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data       ECLASS-6.0     27061801       ECLASS-6.0     27060807       ECLASS-7.0     27060807       ECLASS-8.0     27060807       ECLASS-8.0     27060807       ECLASS-8.0     27060807       ECLASS-8.0     27060807       ECLASS-10.1     27060807       ECLASS-11.1     27060807       ECLASS-12.0     27060807       ECLASS-12.0     27060807       ECLASS-12.0     27060807       ECLASS-12.0     27060807       ECLASS-12.0     27060807       ECLASS-12.0     27060807       ECMAS E2.0     27060807       ECIASS 12.0     27060807       Electrical data [Supply     0       Operating voltage AC (UL-Isited)     30 V       Current operating longe C(UL-Isit	Side 2	
ECLASS-6.0     27061801       ECLASS-6.1     27060307       ECLASS-7.0     27060307       ECLASS-8.0     27060307       ECLASS-8.0     27060307       ECLASS-8.0     27060307       ECLASS-1.1     27060307       ECLASS-10.0     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       Operatiny voltage AC max	Stripping length (jacket)	20 mm
ECLASS-6.1     27660307       ECLASS-7.0     27660307       ECLASS-8.0     27660307       ECLASS-8.0.1     27660307       ECLASS-8.0.1     27660307       ECLASS-8.0.1     27660307       ECLASS-10.1     27660307       ECLASS-10.1     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       ECLASS-11.1     27660307       ECLASS-12.0     27660307       ECLASS-11.1     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       ECLASS-13.1     27660307       ECLASS-14.0     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V <t< td=""><td>Commercial data</td><td></td></t<>	Commercial data	
ECLASS-7.0     27660307       ECLASS-8.0     2760307       ECLASS-8.0     2760307       ECLASS-8.0     2760307       ECLASS-1.1     2760307       ECLASS-1.1     2760307       ECLASS-1.2     2760307       ECLASS-12.0     2760307       ECLASS-12.0     2760307       ETM-5.0     ECONSTANCE       ETM-5.0     ECONSTANCE       ETM-5.0     ECONSTANCE       Operating voltage AC max.     60 V       Operating voltage DC max.     4 A       Installation I Connection     30 V       Cournet operating voltage DC max.     60 V	ECLASS-6.0	27061801
ECLASS 8.0     27060307       ECLASS 9.0     27060307       ECLASS 9.0     27060307       ECLASS 1.1     27060307       ECLASS 1.1     27060307       ECLASS 1.2     27060307       Eclast 1.1     27060307       Eclast 1.1     4048673373814       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     60 V       Operating voltage AC (UL-Isted)     30 V       Current operating per contact max.     4 A       Ibstallation / Comection     20 mm       Mounting set     M12 x 1       Device protection   Electrical     Actical secreted       Additional condition protection degree     3       Rated surge voltage     1.5 kV       Material groue (Ecofide4-1)     1	ECLASS-6.1	27060307
ECLASS-9.0     27060307       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC001855       austoms tariff number     85444290       GTIN     4048879373814       Packaging unit     1       Etertical data   Supply     Correling voltage AC max.       Operating voltage AC max.     60 V       Operating voltage AC (Listed)     30 V       Operating voltage AC (Listed)     30 V       Operating voltage DC (Listed)     30 V       Current operating one contact max.     4 A       Installation   Connection     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       Material group (IEC 60664-1)     1       Materi	ECLASS-7.0	27060307
ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC001855       customs tatiff number     85444290       GTIN     404897937814       Packaging unit     1       Electrical data   Supply	ECLASS-8.0	27060307
ECLASS-11.1     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     ECO01855       customs tariff number     85444290       GTIN     4048879373814       Packaging unit     1       Electrical data [Supply     Coperating voltage AC max.       Operating voltage AC max.     60 V       Operating voltage DC max.     60 V       Operating voltage DC (UL-listed)     30 V       Operating oper contact max.     4 A       Installation Connection     Stripping length (jacket)       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     Stripping length (jacket)       Additional condition protection degree     1.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating lockiting       Coating lockiting     Nickelad	ECLASS-9.0	27060307
ECLASS-12.0     27060307       ETIM-5.0     ECO01855       customs tariff number     85444290       GTIN     4048879373814       Packaging unit     1       Efectrical data   Supply     Correction   Supply       Operating voltage C max.     60 V       Operating voltage C max.     4 A       Installation   Connection     Stripping length (jacket)       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     A       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Zinc die-casting       Coating locking     Nickeled       Coating locking material     Zinc die-casting       Mat	ECLASS-10.1	27060307
ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879373814     Packaging unit   1     Electrical data   Supply      Operating voltage AC max.   60 V     Operating voltage AC max.   60 V     Operating voltage AC (LL-listed)   30 V     Operating voltage AC (UL-listed)   30 V     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 (LEG 60564-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking metriel   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Mutring meth	ECLASS-11.1	27060307
customs tariff number   85444290     GTIN   4048879373814     Packaging unit   1     Electrical data   Supply   Operating voltage AC max.   60 V     Operating voltage AC max.   60 V   Operating voltage AC max.   60 V     Operating voltage AC max.   60 V   Operating voltage AC (UL-listed)   30 V     Operating per contact max.   4 A   Installation   Connection   Operating per contact max.   4 A     Installation   Connection   Stroping 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 (EC 60064-1)   1   Inserted, screwed     Polucin Degree   3   Raterial group (EC 60064-1)   1   Inserted, screwed     Coating locking   Nickeled   Coating locking   Nickeled   Coating of fitting   inkel plated   Coating of fitting   inkel plated, screwed, Shaking protection <t< td=""><td>ECLASS-12.0</td><td>27060307</td></t<>	ECLASS-12.0	27060307
GTIN 4048879373814   Packaging unit 1   Electrical data   Supply    Operating voltage AC max. 60 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 max. 4 A   Installation   Connection    Stripping length (lacket) 20 mm   Mounting set M12 x 1   Device protection   Electrical   Additional condition protection degree inserted, screwed   Politation logge 1,5 kV   Material group (IEC 60664-1) 1   I    Methanical data   Material data   Coating of fitting nickel plated   Locking methal Zinc die-casting   Material screw connection Zinc die-casting   Material screw connection Zinc die-casting   Methanical data   Mounting data .25 °C   Operating temperature min. -25 °C   Operating temperature min. -25 °C   Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality	ETIM-5.0	EC001855
Packaging unit   1     Electrical data   Supply   60 V     Operating voltage AC max.   60 V     Operating voltage AC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   4     Stripping length (jacket)   20 mm     Mounting set   M12 x 1     Device protection   Electrical     Additional condition protection degree   3     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Metchalical 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<	customs tariff number	85444290
Electrical data   Supply     Operating voltage AC max.   60 V     Operating voltage AC (UL-listed)   30 V     Current operating por contact max.   4 A     Installation   Connection   20 mm     Mounting set   M12 x 1     Device protection   Electrical   Additional condition protection degree     Additional condition protection degree   3     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechnical 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   Zinc die-casting     Mechnical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Co-Coperating temperature min.     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Oper	GTIN	4048879373814
Operating voltage AC max.   60 V     Operating voltage AC (UL-listed)   30 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     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 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   mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.   85 °C	Packaging unit	1
Operating voltage DC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage CC (UL-listed)     30 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     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Zinc die-casting       Coating locking     Nickeled       Coating locking     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coerating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cabl	Electrical data   Supply	
Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 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   Additional condition protection degree     Additional condition protection degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating Locking     Coating locking   Nickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material serve connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection <td>Operating voltage AC max.</td> <td>60 V</td>	Operating voltage AC max.	60 V
Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   20 mm     Stripping length (jacket)   20 mm     Mounting set   M12 x 1     Device protection   Electrical   44     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating of fitting     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     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
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   Material data   Coating of fitting     Coating of fitting   nickel plated     Locking material   Zin 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     Important installation notes   depending on cable quality	Operating voltage AC (UL-listed)	30 V
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   Material data   Coating locking     Coating locking   Nickeled     Coating up of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     furping 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   Portection		30 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   Material data   Incel plated     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 min.   -25 °C     Operating temperature max.   85 °G     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   Inserted, screwed     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   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   Important installation notes	Installation   Connection	
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   Material data   Coating locking     Nickeled   Incode     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material data   Mounting data   Zinc 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   Important installation notes	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   Material data   I     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Meterial 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.   -25 °C     Operating temperature max.   85 °C   Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes   Screwed   Screwed	Mounting set	M12 x 1
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Image: Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     Ab 5 °C   Additional condition temperature range     depending on cable quality   Important installation notes	Device protection   Electrical	
Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     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	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)   I     Mechanical data   Material data   Vickeled     Coating locking   Nickel plated     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.     -25 °C   Operating temperature max.     A5 °C   Additional condition temperature range     Important installation notes   depending on cable quality	Pollution Degree	3
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 max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   -25 °C	Rated surge voltage	1,5 kV
Coating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting datainserted, screwed, Shaking protectionMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   Climatic-25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesImportant installation notes	Material group (IEC 60664-1)	
Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Mechanical data   Material data	
Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes	Coating locking	Nickeled
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   Important installation notes	Coating of fitting	nickel plated
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   -25 °C	Locking material	Zinc die-casting
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	Zinc die-casting
Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes	Mechanical data   Mounting data	
Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality   Important installation notes	Environmental characteristics   Climatic	
Additional condition temperature range   depending on cable quality     Important installation notes	Operating temperature min.	-25 °C
Important installation notes	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Important installation notes	
	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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Note on bending radius



Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 841 Jacket Color violet cURus Type of Certificate Amount stranding 1 Stranding 2 wires with 2 Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement red, green Cable weigth 70,4 g/m Material jacket PUR Shore hardness jacket 87 ± 3 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,7 mm Tolerance outer diameter (sheath) ±5% Amount wires 2 Outer diameter insulation 2,55 mm Outer diameter tolerance core insulation ±5% Shore hardness wire insulation 60 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C | horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 72,2 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electric capacitance 29000 pF/km Power frequency withstand voltage (wire 2 kV @ 60 s iacket) 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) -20 °C Operating temperature max. (dynamic) 70 °C IEC 60332-2-2 | UL 1581 § 1100 FT2 | UL 1581 § 1090 Flame resistance chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing | DIN EN 60811-404 Bending radius (fixed) 7.5 x Outer diameter

endangered by excessive bending forces.

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

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Bending radius (dynamic)

No. of bending cycles (C-track)

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12 x Outer diameter

5 Mio. @ 25 °C