

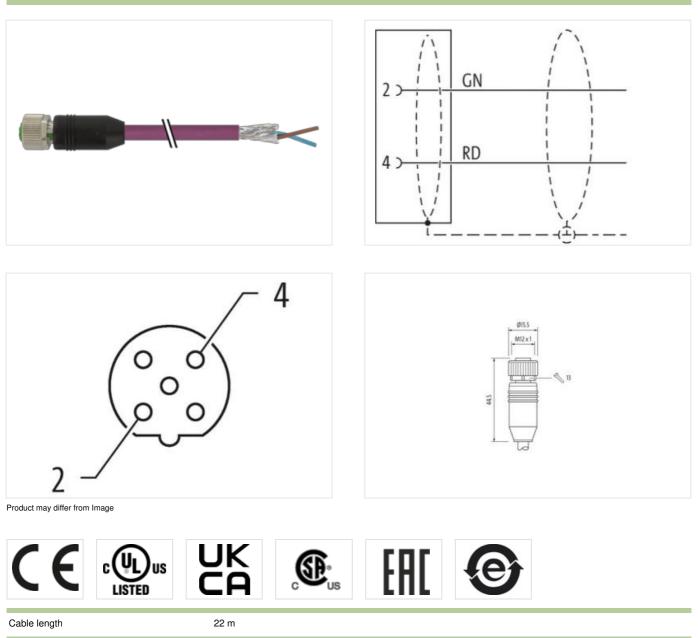
## M12 female 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 22m

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

Illustration



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: 2024-05-05

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Muuring mehod     mende Larened       Family construction form     M12       Tranad     M12 x 1       Coding     B       Meanial     FUR       With accoss fund     SW13       Degree of protection (ENIEC 60050)     FP65, IP67, IP	Tightening torque	0,6 Nm
Tread     M12 x 1       Coding     B       Material     PUR       With access flats     SW13       Degree of protection (FN EG 50520)     IP65, IP66K, IP57       Side 2     Stripping length (lackert)     20 mm       Commercial length (lackert)     20 mm     Commercial length (lackert)       ECLASS 6.0     27061801     ECLASS 7.0       ECLASS 7.0     27060307     ECLASS 7.0       ECLASS 7.0     E006307     ECLASS 7.0	Mounting method	inserted, screwed
Coding     B       Material     PUR       With arcsis flats     SW13       Dagree of protection (EN EC 50520)     IPES, IPE6K, IPS7       Side 2     SW13       Storpen length (acket)     20 m       Connection data     E       ECLASS 6.0     27060307       ECLASS 7.0     27060307       ECLASS 7.1     27060307       ECLASS 7.2.0     27060307       ECLASS 7.2.0     27060307       ECLASS 7.1     27060307       ECLASS 7.2.0     27060307       ECLASS 7.3     500 V       Operating voltage AC	Family construction form	M12
Material     PUF       Witch across flats     SW13       Degree of protection (EN EC 9552)     IPES, IPEK(1PS7       Side 2     Side 2       Commercial (EC 9552)     20 mm       Commercial (EC 9552)     20 mm       ECLASS 0.0     2066307       ECLASS 7.0     2066307       ECLASS 8.0     2066307       ECLASS 7.0     2066307       ECLASS 7.1     2066307       ECLASS 7.0     2066307       ECLASS 7.1     2066307       ECLASS 7.2     E06037       ECLASS 7.1     2066307       ECLASS 7.1     2066307       ECLASS 7.1     2066307       ECLASS 7.2     E001856       EVENSTY     E0043       Operating voltage AC max.     60 V       Operating voltage AC Max.	Thread	M12 x 1
Width across flats     SW13       Dagree of protection (EN IEC 6629)     MPS, IP60K, IP67       Side 2     Stripping length (acket)     20 mm       Commercial dats     E       ECLASS-6.0     27061801     E       ECLASS-6.0     27060307     E       ECLASS-6.1     27060307     E       ECLASS-1.1     27060307     E       CASS-1.1     440487970606     E       Packaging unit     1     E       Edectrical data   Supply     F     P       Operating valuege AC (UL-leted)     30 V     C	Coding	В
Degree of protection (EN IEC 60529)     IP66, IP66K, IP67       Side 2     Sige 2       Strepping ingth (jacket)     20 mm       Commercial dat     E       EGLASS 6.0     27061801       EGLASS 7.0     27060307       EGLASS 7.0	Material	PUR
Side 2       Stripping length (lackat)     20 mm       Commercial data	Width across flats	SW13
Stripping length (jackel)     20 mm       Commercial date     27081801       ECLASS 6.0     27080307       ECLASS 7.0     27080307       ECLASS 7.0     27080307       ECLASS 8.0     27080307       ECLASS 8.0.1     27080307       ECLASS 8.0.1     27080307       ECLASS 8.0.1     27080307       ECLASS 8.10.1     1       Edectacid data [Supply     0       Operating voltage AC max.     60 V       Operating voltage AC (LL-listed)     30 V       Current operating parton tata.     4 A       Istaliation   Connecl	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data       ECLASS-6.0     27061801       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-11.1     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECMAS E2.0     27060307       Electrical data [Supply     0       Operating voltage A max.     60 V <td>Side 2</td> <td></td>	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       Parkajng unit     1       Eclassition ICONCINCINCINCINCINCINCINCINCINCINCINCINCIN	Stripping length (jacket)	20 mm
ECLASS-6.1     27660307       ECLASS-7.0     27660307       ECLASS-8.0     27660307       ECLASS-9.0     27660307       ECLASS-9.0.1     27660307       ECLASS-9.0.1     27660307       ECLASS-10.1     27660307       ECLASS-10.1     27660307       ECLASS-12.0     27660307       ECLASS-11.1     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       ECLASS 20.0     276705066       Pactage DC max.     60 V       Operating voltage AC UL-listed     30 V       Current Operating realoge AC (UL-listed)     30 V <tr< td=""><td>Commercial data</td><td></td></tr<>	Commercial data	
ECLASS-7.0     27660307       ECLASS-8.0     27660307       ECLASS-8.0     27660307       ECLASS-8.0     27660307       ECLASS-1.1     27660307       ECLASS-1.1     27660307       ECLASS-1.2     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       ETM-5.0     ECO01855       oustoms turiff number     8544280       GTIN     404837970566       Packaging unit     1       Electrical datal Supply	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 1.2.0     27060307       ECLASS 1.2.0     27060307       ECLASS 1.2.0     27060307       Desting staff number     8544290       GTIN     404873705086       Packaging unit     1       Electrical data   Supply	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     4048879705066       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 Begree     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       ETIM-5.0     EC001855       customs tatiff number     85444290       GTIN     404897905066       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     4048879705066       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 per 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     Nickeled	ECLASS-9.0	27060307
ECLASS-12.0     27060307       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879705066       Packaging unit     1       Electrical data   Supply     Coperating voltage Cmax.       Operating voltage Cmax.     60 V       Operating voltage Cmax.     4 A       Installation   Connection     Current operating voltage Cmax.       Installation   Connection     20 mm       Mounting set     M12 x 1       Device protection   Electrical     30       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     Coding locking       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Mate	ECLASS-10.1	27060307
ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879705066     Packaging unit   1     Electrical data   Supply      Operating voltage AC max.   60 V     Operating voltage AC max.   60 V     Operating voltage C C max.   60 V     Operating voltage AC (UL-listed)   30 V     Operating per contact max.   4 A     Installation   Connection      Stripping length (jackel)   20 mm     Mounting set   M12 x 1     Device protection   Electrical      Additional condition protection degree   inserted, screwed     Poliution Degree   3     Rated surge voltage   1,5 kV     Material group (LEG 60664-1)   1     Mechanical data   Material data      Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material group (LEG 60664-1)   1     Mechanical data   Material data   Zinc die-casting     Material group (LEG 60664-1)   1     Material acoding in trikel plated<	ECLASS-11.1	27060307
customs tariff number   85444290     GTIN   4048879705066     Packaging unit   1     Electrical data   Supply   Operating voltage AC max.     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   Stripping length (jacket)     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 (EC 60664-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connectories   Climatic   Coating portection   Climatic     Operating temperature min.   -25 °C     Operating temperatu	ECLASS-12.0	27060307
GTIN 4048879705066   Packaging unit 1   Electrical data   Supply   Operating voltage AC max. 60 V   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 5   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 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   Mechanical data   Mounting data Sic °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     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Metchanical data   Material data   Coating of fitting     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mo	customs tariff number	85444290
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 por contact max.   4 A     Installation   Connection   20 mm     Stripping length (jacket)   20 mm     Mounting set   M12 x 1     Device protection   Electrical   Additional condition protection degree     Additional condition protection degree   3     Patted 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     Porteing temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	GTIN	4048879705066
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 DC (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)   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     Material screw connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Coerating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	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 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 strew connection Zinc die-casting   Operating	Operating voltage AC max.	60 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   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   Coating of fiting     Coating of fiting   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   Operating temperature min.     Operating temperature max.   85 °C     Operating temperature max.   85 °C     Additional condition temperature range   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   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     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     fury method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Qerating 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   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   Image: Continue of the strip	Current operating per contact max.	4 A
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   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.     Additional condition temperature range   depending on cable quality     Important installation notes   Hereding on cable quality	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   Inckel plated     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material data   Mounting data   Inserted, screwed, Shaking protection     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   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   -25 °C	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.

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: 2024-05-05

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Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 840 Jacket Color violet Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 70 % Banding Fleece, Foil wire arrangement red, green Traversing distance (C-track) 5 m @ 25 °C | horizontal 82,5 g/m Cable weigth Material jacket TPE-V Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,8 mm Tolerance outer diameter (sheath) ±5% Material inner jacket TPF-V Color (inner jacket) white Amount wires 2 Outer diameter insulation 2.55 mm Outer diameter tolerance core insulation ±5% 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 Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire -1 kV @ 60 s jacket) AC withstand voltage (wire - shield) 1 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C -20 °C Operating temperature min. (dynamic) 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 Good, application-related testing | DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter

Travel speed (C-track)

5 Mio. @ 25 °C

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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.