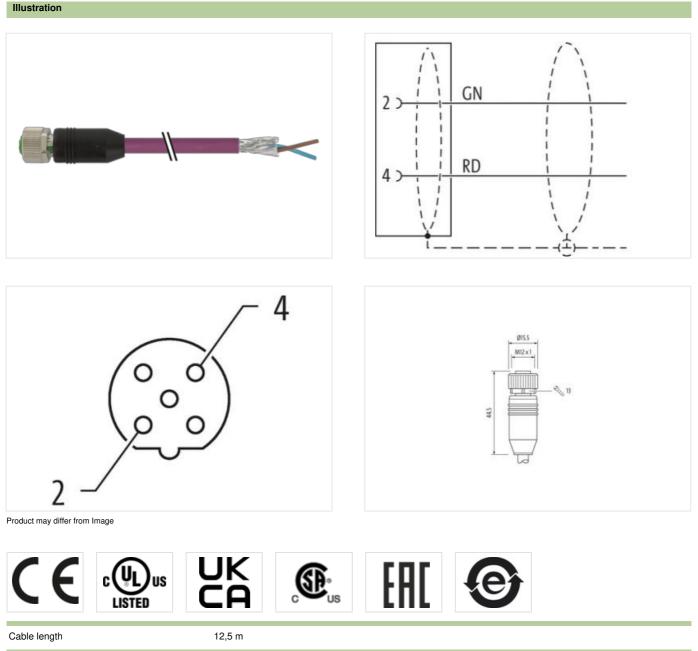


## M12 female 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 12.5m

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: 2024-05-15

Murrelektronik Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi



	Tightening torque	0,6 Nm
Thread     M12 x 1       Coding     B       Mattal     PUR       With accoss fats     SW13       Degree of protection (FN IEC 50529)     IP65, IP66K, IP67       Side 2     Stripping length (jackeft)     20 mm       Commercial for SINE 50529)     IP65, IP66K, IP67     Stripping length (jackeft)     20 mm       Commercial for Sine 500007     ECLASS-8.0     27050007     ECLASS-8.0     27050007       ECLASS-8.0     27050007     ECLASS-8.0     27050007     ECLASS-8.0     27050007       ECLASS-8.0     27050007     ECLASS-8.0     27050007     ECLASS-8.0	Mounting method	inserted, screwed
CadingBMatarialPURWatarialSW13Dagree of protection (EN EC 9522)PES, IP664, IP57Side 2SW13Stopp dering (acket)20 mConnection data27061801ECLASS 6.127061807ECLASS 7.027060307ECLASS 8.127060307ECLASS 8.127060307ECLASS 8.127060307ECLASS 8.127060307ECLASS 8.127060307ECLASS 8.1.127060307ECLASS 8.1.227060307ECLASS 8.1.327060307ECLASS 8.1.327060307ECLASS 8.1.427060307ECLASS 8.1.227060307ECLASS 8.1.32606307ECLASS 8.1.32606307ECLASS 8.1.427060307ECLASS 8.1.52000307ECLASS 8.1.52000307ECLASS 8.1.62000307ECLASS 8.1.127060307ECLASS 8.1.22000307ECLASS 8.1.32000307ECLASS 8.1.42000307ECLASS 8.1.52000307ECLASS 8.1.12000307ECLASS 8.1.22000307ECLASS 8.1.32000307Contract operating value AC max.60 VOperating value AC fuelt et al.530 VOperating value AC (UL-Leted)30 VOperating value AC (UL-Leted) <t< td=""><td>Family construction form</td><td>M12</td></t<>	Family construction form	M12
Material     PLF       Widh across flats     SW13       Degree of protection (EN EC 60529)     IP65, IP67, IP67       Side 2     Stroping legold (acket)     20 mm       Commercial dest     E       ECLASS-6.0     2706007     E       ECLASS-7.0     2706007     E       ECLASS-1.0     2706007 <t< td=""><td>Thread</td><td>M12 x 1</td></t<>	Thread	M12 x 1
Width acrose Rela     SW13       Degree of protection (EN IEC 6629)     IP65, IP66K, IP67       Streping length (jacket)     20 mm       Commercial data     E       ECLASS-6.0     27061001       ECLASS-7.0     27060307       ECLASS-7.0     27060307       ECLASS 9.0     27060307       ECLASS 9.0     27060307       ECLASS 9.1     27060307       ECLASS 9.1.1     27060307       ECLASS 9.1.2     27060307       ECLASS 9.1.1     1       Beredicidatal Supping     60 V       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V </td <td>Coding</td> <td>В</td>	Coding	В
Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Stde z       Strpping lergth (jackel)     Z0 mm       Commercial dat     Z000007       ECLASS-6.0     27061807       ECLASS-7.0     27060307       ECLASS-8.0     27060307       ECLASS-8.0     27060307       ECLASS-8.0     27060307       ECLASS-8.11     27060307       ECLASS-8.0     27060307       ECLASS-11     27060307       ECLASS-12.0     27060307       ECLASS-13.1     27060307       ECLASS-10.1     27060307       ECLASS -10.1     27060307       Eleatical dati Sup	Material	PUR
Sike 2   Stripping length (acket) 20 mm   Commercial data Commercial data   CLASS-6.0 27061801   ECLASS-6.1 27060307   ECLASS-7.0 27060307   ECLASS-8.0 27060307   ECLASS-8.0 27060307   ECLASS-8.1.1 27060307   ECLASS-1.0 27060307   ECLASS-1.1 27060307   ECLASS-1.1 27060307   ECLASS-1.2 27060307   ECLASS-1.2 27060307   ECLASS-1.1 27060307   ECLASS-1.2 27060307   ECLASS-1.3 27060307   ECLASS-1.1 47060307   ECLASS-1.2 27060307   Packaging unit 1   Electrical data [Supply 0   Operating volta	Width across flats	SW13
Shipping length (jackel)     20 mm       ECLASS 6.0     27061801       ECLASS 6.1     27060307       ECLASS 7.0     27060307       ECLASS 7.0     27060307       ECLASS 8.0     27060307       ECLASS 8.0     27060307       ECLASS 8.0.1     27060307       ECLASS 8.10.1     27060307       ECLASS 11.1     27060307       ECLASS 11.1     27060307       ECLASS 11.1     27060307       ECLASS 11.1     27060307       ECMASS 10.1     27061307       Entertiol 1500     500       Operating voltage AC max.     60 V	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data       ECLASS 6.0     27061801       ECLASS 6.0     27060307       ECLASS 6.0     27060307       ECLASS 6.0     27060307       ECLASS 6.0     27060307       ECLASS 7.0     27060307       ECLASS 7.0     27060307       ECLASS 7.0     27060307       ECLASS 7.1     27060307       ECLASS 7.1     27060307       ECLASS 7.1     27060307       ECLASS 7.1.0     27060307       ECLASS 7.1.0     27060307       ECLASS 7.2.0     27060307       ECLASS 7.2.0     27060307       ECMASS 7.2.0     27060307       EVENTY     94842910007       Operating voltage AC max.     60	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-1.2     27060307       ECLASS-1.1     27060307       ECLASS-1.2.0     27060307       ECLASS-1.0.0     27060307       Parkaging unit     1       Evertime operating voltage AC (UL-listed)     30 V	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-1.1     27660307       ECLASS-12.0     27660307       ECLASS-11.1     27660307       ECLASS-12.0     27660307       ECLASS-12.0     27660307       ECLASS ELASS     27660307       ELASS ELASS     27660307       Operatiny totage AC max.     60 V       Operatiny totage AC (UL-listed)     30 V       Curent operatiny tonegraft max.     4 A	Commercial data	
EQLASS-7.0     27060307       EQLASS-8.0     27060307       EQLASS-8.0     27060307       EQLASS-8.0     27060307       EQLASS-1.1     27060307       EQLASS-1.1     27060307       EQLASS-1.1     27060307       EQLASS-12.0     27060307       EQLASS-12.0     27060307       EQLASS-12.0     27060307       ETM-5.0     EQ001855       customs staff number     85444290       GTN     4048879198007       Packaging unit     1       Electrical datal Supply        Operating voltage AC max.     60 V       Operating voltage DC max.     4 A       Installation I Connectiom     20 mm	ECLASS-6.0	27061801
EQLASS-7.0     27060307       EQLASS-8.0     27060307       EQLASS-8.0     27060307       EQLASS-8.0     27060307       EQLASS-1.1     27060307       EQLASS-1.1     27060307       EQLASS-1.1     27060307       EQLASS-12.0     27060307       EQLASS-12.0     27060307       EQLASS-12.0     27060307       ETM-5.0     EQ001855       customs staff number     85444290       GTN     4048873198007       Packaging unit     1       Electrical datal Supply        Operating voltage AC max.     60 V       Operating voltage DC max.     4 A       Installation I Connection     20 mm		
ECLASS-3.0     27060307       ECLASS-1.1     27060307       ECLASS-1.1     27060307       ECLASS-1.2.0     27060307       ECLASS-1.3     27060307       ECLASS-1.4     27060307       ECLASS-1.5.0     E700537       ECLASS-1.1     27060307       ETIM-5.0     EC001855       outsins taiff number     8544230       GTIN     4048879186097       Packaging unt     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 (LL-listed)     30 V     Operating voltage DC (LL-listed)     30 V       Operating voltage DC (LL-listed)     30 V     Operating voltage DC (LL-listed)     30 V       Operating voltage DC (LL-listed)     30 V     Operating voltage DC (LL-listed)     30 V       Operating voltage DC (LL-listed)     30 V     Operating voltage DC (LL-listed)     30 V       Batel align voltage DC (LL-listed)     30 V     Striping list N 1     Econologing N 12 × 1       Device protection / Electrical     Ad		
ECLASS-3.0     27060307       ECLASS-1.1     27060307       ECLASS-1.1     27060307       ECLASS-1.2.0     27060307       ECLASS-1.3     27060307       ECLASS-1.4     27060307       ECLASS-1.5.0     E700537       ECLASS-1.1     27060307       ETIM-5.0     EC001855       outsins taiff number     8544230       GTIN     4048879186097       Packaging unt     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 (LL-listed)     30 V     Operating voltage DC (LL-listed)     30 V       Operating voltage DC (LL-listed)     30 V     Operating voltage DC (LL-listed)     30 V       Operating voltage DC (LL-listed)     30 V     Operating voltage DC (LL-listed)     30 V       Operating voltage DC (LL-listed)     30 V     Operating voltage DC (LL-listed)     30 V       Batel align voltage DC (LL-listed)     30 V     Striping list N 1     Econologing N 12 × 1       Device protection / Electrical     Ad	ECLASS-8.0	27060307
ECLASS-11.1     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECMAS.0     ECOURSS       customs tariff number     85444290       GTIN     4048879198097       Packaging unit     1       Electrical dial 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 oronage DC (UL-listed)     30		27060307
ECLASS-12.0     27060307       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879199097       Packaging unit     1       Electrical data   Supply     Construct of the second seco	ECLASS-10.1	
ETIM-5.0   EC001885     customs tariff number   85444290     GTIN   4048879188097     Packaging unit   1     Electrical data   Supply      Operating voltage AC max.   60 V     Operating voltage C max.   60 V     Operating voltage C (UL-listed)   30 V     Operating outage DC (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     Polution Degree   3     Rated surge voltage   1,5 kV     Material strone (JCE 60664-1)   1     Mechanical data   Material data      Coating locking   Nickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking metrial   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Sinserted, screwed, Shaking protection     Environmen	ECLASS-11.1	27060307
customs tariff number     85444290       GTIN     4048879196097       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 (LU-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     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     Coding locking       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material group (EC 60664-1)     Inc die-casting       Material group of fitting     nickel plated       Locking anterial     Zinc die-casting <t< td=""><td>ECLASS-12.0</td><td>27060307</td></t<>	ECLASS-12.0	27060307
GTIN     4048879198097       Packaging unit     1       Electrical dta   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     Installation   Connection       Stripping length (lacket)     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     Coating of fitting       Coating of fitting     nickel plated       Coating of fitting     nickel plated       Coating of fitting     inserted, screwed, Shaking protection       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanici data [ Mounting data     Sc °C	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     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   1     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     Metchanical data   Material data   Vickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mounting method   inserted, screwed,	customs tariff number	85444290
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   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 serew connection   Zinc die-casting     Mechnical data   Mounting data   Inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material serew connection   Zinc die-casting     Mounting method <t< td=""><td>GTIN</td><td>4048879198097</td></t<>	GTIN	4048879198097
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 (lacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     Inserted, screwed       Additional condition protection degree     inserted, screwed       Pollutin Degree     3       Rated surge voltage     1,5 kV       Material group (Ele 6064-1)     I       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       Material screw connection     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coeating temperature min.	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     inserted, screwed       Pollutin 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     Xinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       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	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       Nickeled     Coating locking       Coating locking     Nickeled       Locking material     Zinc cie-casting       Material serve connection     Zinc cie-casting       Material serve connection     Zinc cie-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coating temperature min.       -25 °C     Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	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     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 of fiting       Coating locking     Nickeled       Coating of fiting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     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 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   -25 °C	Operating voltage AC (UL-listed)	30 V
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 locking       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coating temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Operating voltage DC (UL-listed)	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   Mechanical data   Mounting data Inserted, screwed, Shaking protection   Mechanical data   Mounting data Inserted, screwed, Shaking protection   Coperating temperature min. -25 °C   Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality	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)   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.     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)   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 group (IEC 60664-1)   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   Screwed	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   I     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     Ab °C   Additional condition temperature range     depending on cable quality   Important installation notes	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.     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   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
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		3
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   -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		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 max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notes-25 °C	Material group (IEC 60664-1)	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     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     85 °C   Additional condition temperature range     Important installation notes   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.     -25 °C   Operating temperature max.     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes	Coating locking	Nickeled
Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes		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		
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   Environmental characteristics   Climatic	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   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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Murrelektronik Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi



Note on bending radius

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
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
Cable weigth	82,5 g/m
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	TPE-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 - jacket)	1 kV @ 60 s
AC withstand voltage (wire - shield)	1 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-20 °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	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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