

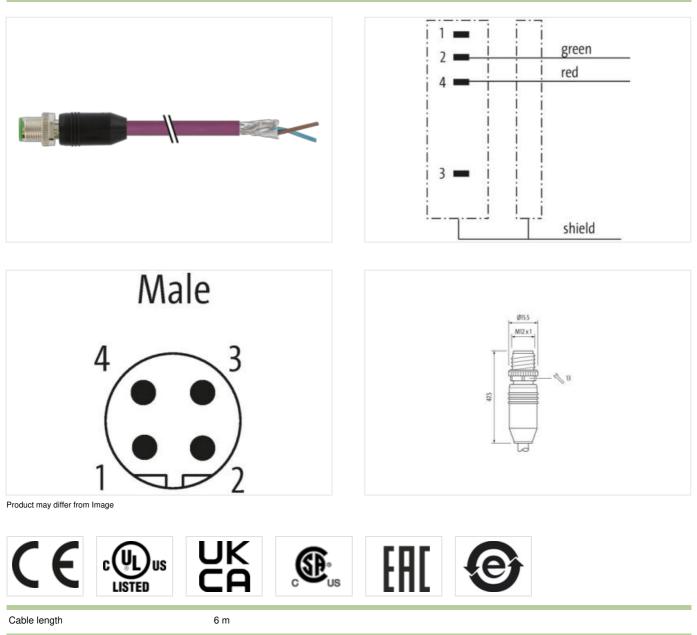
## M12 male 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 6m

PROFIBUS Male 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: 2024-04-25

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com



Family construction from     M12       Final     M12 x 1       Doding     B       Attacnal     PUR       With access fars     SW13       Dargers of protection (EN IEC 60520)     IPES, IPESK, IPE7       Side 2     Simping length (gabet)     20 m       Conservation (EN IEC 60520)     IPES, IPESK, IPE7       Side 2     Sigers of protection (EN IEC 60520)     IPES, IPESK, IPE7       Side 3     Side 3     Side 3     Side 3       Side 4     20060307     Side 3     Side 3       SCLASS 4.0	Tightening torque	0,6 Nm
PhysicM12 x 1DodingBMarialPURWith across flatsSW13Degree of potetion (ENE C60529)IP65, IP66/, IP67Side 2Side 3SW13Commarcial data27061801Commarcial data27061801CLASS 4.027060307CLASS 4.127060307CLASS 5.10.127060307CLASS 5.11.127060307CLASS 5.11.127060307CLASS 5.12.027060307CLASS 5.13.127060307CLASS 5.11.127060307CLASS 5.12.027060307CLASS 5.13.127060307CLASS 5.13.127060307CLASS 5.14.027060307CLASS 5.15.127060307CLASS 5.10.127060307CLASS 5.2027060307CLASS 5.2027060307 <td>Mounting method</td> <td>inserted, screwed</td>	Mounting method	inserted, screwed
DesignBAttachalPURWith across fatsSW13Degree of protection (EN IEC 00529)IPOS, IPOS, IPOSSide 2SW13Side 3SW13Side 4SW13Connection (EN IEC 00529)IPOS, IPOS, IPOSSide 4SW13Connection (EN IEC 00529)IPOS (IPOS, IPOSConnection (EN IEC 00529)20 mnConnection (EN IEC 00529)20 00507Contast (EN ES 0.0)20 00507COLASS 7.020 00507COLASS 1.120 00507COLASS 1.220 00507COLASS 1.220 00507COLASS 1.220 00507COLASS 1.220 00507COLASS 1.220 00507COLASS 1.220 00505COLASS 1.220 00505COLASS 1.200 0055COLASS 1.200 0055Colass 1.11Electrical dial [SupplyCatagaing unit1Electrical dial [SupplyConnection30 VConnection30 VConnection30 VConnection30 VConnection (EC 0054 1.1)1Electrical (Connection (EC 0054 1.2)30 VConnection (EC 0054 1.2)1Connection (EC 0054 1.2)	Family construction form	M12
Material     PUR       With across flatis     SW13       Segree of profection (EN IEC 60520)     IP65, IP667, IP67       Sife 2     Sife 2       Commercial data     27061801       CLASS 4.0     27060307       CLASS 4.1     27060307       CLASS 4.0     27060307       SCLASS 4.0     27060307       SCLASS 4.0     27060307       CLASS 4.0     27060307       SCLASS 4.0     27060307	Thread	M12 x 1
Wath across fileWH3Degree of protection (EN IEC 6052))IPES, IPESK, IPE7Step 220 mmConstruction (EN IEC 6052))20 mmConstruction (EN IEC 6052))20 mmConstruction (EN IEC 6052))20 mmConstruction (EN IEC 6052))20 mm20 mm <t< td=""><td>Coding</td><td>В</td></t<>	Coding	В
Degree of protection (EN EC 60529)     IP65, IP66K, IP67       Side 2     Vom       Side 4     Vom       Commercial disa     Vom       ECLASS-6.0     27061001       ECLASS-6.1     27060307       CCLASS-7.0     27060307       ECLASS-6.0     27060307       ECLASS-7.0     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       STIM     4048879198424       Packaging unit     1       Electical dista [Supply     U       Daparating voltage AC max.     60 V       Operating voltage AC max.     60 V       Daparating voltage AC UL-Listed)     30 V       Daparating voltage AC (UL-Listed)     30 V       Daparating voltage AC (UL-Listed)     30 V	Material	PUR
Sike 2Sike 2Sike 3Commercial dataCommercial dataConsercial dataCOLASS 6.027061901COLASS 7.027060307CCLASS 7.027060307CCLASS 8.027060307CCLASS 8.127060307CCLASS 8.1.127060307CCLASS 7.027060307CCLASS 7.1027060307CCLASS 7.1027060307COLASS 7.102706037COLASS 7.102706037COLASS 7.10270600	Width across flats	SW13
Stripping length (jacket)20 mmConservedConserved latia27060307ECLASS-6.027060307ECLASS-7.027060307ECLASS-6.1027060307ECLASS-6.10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-10.127060307ECLASS-11.127060307ECLASS-12.027060307ECLASS-13.127060307ECLASS-13.127060307ECLASS-14.127060307ECLASS-11.127060307ECLASS-12.027060307ECLASS-13.127060307ECLASS-14.127060307ECLASS-14.127060307ECLASS-10.127060307ECLASS-11.127060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-13.127060307ECLASS-14.127060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-12.000TIM40487919424Parating voltage AC (IL-Isted)30 VDyperating voltage AC (IL-Isted)30 VEvertion Contaction4AEvertion Contact4AEvertion Contact4AEvertion Contact4AEvertion Evertion18024Evertion Evertion18024Evertion Evertion18024Evertion Evertion18024Evertion Evertion18024Evertion Evertion18024Evertion Evertion18024Eve	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data       CCLASS-6.0     27061801       CCLASS-6.0     27060307       CCLASS-6.0     27060307       CCLASS-8.0     27060307       CCLASS-8.0     27060307       CCLASS-8.0     27060307       CCLASS-10     27060307       CCLASS-10.1     27060307       CCLASS-11.1     27060307       CCLASS-12.0     27060307       CCLASS-13.1     27060307       CCLASS-12.0     27060307       CCLASS-13.1     27060307       CCLASS-10.0     27060307       CCLASS-12.0     27060307       CCLASS-12.0     27060307       CCLASS-13.1     27060307       CCLASS-10.0     27060307       CCLASS-10.0     27060307       CCLASS-10.0     27060307       CCLASS-10.0     27060307       CCLASS-10.0     27060307       CCLASS-10.0     27060307       CLASS-10.0     27060307       CLASS-10.0     27060307       CLASS-10.0     27060307       CLASS-10.0     270600	Side 2	
CAASS-0.0     27061801       CCASS-3.0     27060307       CCLASS-3.0     27060307       CCLASS-3.0     27060307       CCLASS-3.0     27060307       CCLASS-3.0     27060307       CCLASS-3.0     27060307       CCLASS-10.1     27060307       CCLASS-11.1     27060307       CCLASS-12.0     27060307       COLASS-12.0     10       Deverting voltage AC max.     <	Stripping length (jacket)	20 mm
ECLASS 6.1     27060307       ECLASS 7.0     27060307       ECLASS 7.0     27060307       ECLASS 9.0     27060307       ECLASS 9.0     27060307       ECLASS 9.0     27060307       ECLASS 10.1     27060307       ECLASS 11.1     27060307       ECLASS 12.0     27060307       ECLASS 12.0     27060307       ECLASS 12.0     27060307       ECLASS 11.1     27060307       ECLASS 12.0     27060307       ECLASS 12.0     27060307       ECLASS 11.1     27060307       ECLASS 11.1     27060307       ECLASS 12.0     27060307       Elechad 161 [Suppl     500       Deperating voltage CCL     4       Elechad 161 [Suppl     20 vm       Stripping lengt 60 (LL-listed)     30 v       Elecha	Commercial data	
ECLASS 7.0     27060307       ECLASS 8.0     27060307       ECLASS 8.0     27060307       ECLASS 8.11     27060307       ECLASS 1.11     27060307       ETM 1     40487918424       Packaging unit     1       Electrical data   Supply     2       Deprating voltage DC max.     60 V       Opperating voltage DC (UL-listed)     30 V       Deprating voltage DC (UL-listed)     30 V       Stripting temperature max.     4 A       Installation   Connection	ECLASS-6.0	27061801
ECLASS 8.0     27060307       ECLASS 9.0     27060307       ECLASS 9.0     27060307       ECLASS 9.1     27060307       ECLASS 9.1.1     27060307       ECLASS 9.1.0     27060307       ECLASS 9.1.1     47060307       ECLASS 9.1.1     404879198424       Sadoming 1     1       Electrical data   Supply     50 V       Deparating voltage 0.C (UL-listed)     30 V       Darrent operating voltage 0.C (UL-listed)     30 V       Current operating voltage 0.C (UL-listed)     30 V       Current operating voltage 0.C (UL-listed)     40 × 1       Device protection   Electrical     40 × 1       Addition protection degree     inserted, screwed       Pollutin Degree <td>ECLASS-6.1</td> <td>27060307</td>	ECLASS-6.1	27060307
ECLASS 9.0     27060307       ECLASS 10.1     27060307       ECLASS 11.1     27060307       ECLASS 12.0     ECO01855       ECLASS 11.1     4048979196424       Packaging unit     1       Electrical data   Supply     Deparating voltage AC max.       Doparating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Deparating voltage AC (UL-listed)     30 V       During perst (Inclection     4 A       Installation   Connection     4 A       Installation   Connection     4 A       Device protection leftectrical     412       Mactional condition protection degree     inserted, screwed       Polition Degree     3       Alead surge voltage	ECLASS-7.0	27060307
ECLASS-10.1     27060307       CCLASS-11.1     27060307       CCLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     EC001855       Sustoms tarff number     8544230       STIN     4048879198424       Sackaging unit     1       Electrical data   Supply        Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Outrent operating per contact max.     4 A       Installation   Connection        Stripping length (tacket)     20 mm       Volution Degrete inserted, screwed     30       Outing set     M12 x 1       Evice protection   Electrical        Vatterial group (EC 60664-1)     1       Mechanical data     Mickel       Operating ing voltage     1,5 kV       Material group (EC 60664-1)     1	ECLASS-8.0	27060307
ECLASS-11.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC001865       usutoms tarff number     85444290       STIN     4048879198424       Packagin unit     1       Electrical data   Supply     Poperating voltage AC max.       60 V     Operating voltage AC (UL-listed)       30 V     Operating voltage AC (UL-listed)       40 A     Installation   Connection       Stirping length (jacket)     20 mm       Advanting act (backet)     Inserted, screwed       Policion for Degree     3       Policion for Congulate hase     vinbut       Macharial group (UE Go666-1)     1 <tr< td=""><td>ECLASS-9.0</td><td>27060307</td></tr<>	ECLASS-9.0	27060307
ECLASS-12.0 27060307   ETIM-5.0 EC001685   sustoms tariff number 8544290   TIN 4048879198424   Packaging unit 1   Electrical data   Supply Derating 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 voltage DC Cmax. 60 V Operating voltage AC (UL-listed) 30 V   Operating voltage DC Cmax. 4 A Installation [Connection Installation [Connection]   Stripping length (jacket) 20 mm Mounting set M12 x 1   Device protectIon   Electrical Voltage IC (UL-listed) 30   Voltage DC (UL-listed) 3 Screwed   Pollution Degree 3 Screwed   Polution Degr	ECLASS-10.1	27060307
ETIM-5.0     EC001855       sustoms tariff number     85444290       STIN     404887918424       aekaging unit     1       Electrical data   Supply        Daparating voltage AC max.     60 V       Operating voltage DC max.     60 V       Daparating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Daparating voltage DC (UL-listed)     30 V       Daparating voltage DC (UL-listed)     30 V       During operating voltage DC (UL-listed)     30 V       During perating totlese DC (UL-listed)     30 V       During perating voltage DC (UL-listed)     30 V       During perating totlese DC (UL-listed)     30 V       During perating totlese DC (UL-listed)     30 V       During terting totlese DC (UL-listed)     10 V       Additional condition protection degree <td>ECLASS-11.1</td> <td>27060307</td>	ECLASS-11.1	27060307
bustoms tariff number     85444290       STIN     4048879198424       Packaging unit     1       Electrical data   Supply     50       Operating voltage DC max.     60 V       Operating voltage DC max.     40       Stripping length (ackel)     30 V       Deriver operating voltage DC max.     4 A       Installation   Connection     1       Britipping length (ackel)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     20 mm       Addition protection degree     3       Stated surge voltage     1,5 kV       Adated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data     Material data       Doticr for corrugated hose     without       Mechanical data     Material data       Doticr for corrugated hose     vithout       Cotafing of fitting     nic	ECLASS-12.0	27060307
3TIN 4048879198424   Packaging unit 1   Electrical data   Supply   Deprating voltage AC max. 60 V   Operating voltage DC max. 60 V   Operating voltage DC max. 60 V   Operating voltage DC UL-listed) 30 V   Operating voltage DC UL-listed) 30 V   Operating voltage DC UL-listed) 30 V   Deviating voltage DC UL-listed) 30 V   Connection 4 A   Installation   Connection 1   Stripping length (jacket) 20 mm   Mounting set M12 x 1   Device protection   Electrical 1   Additional condition protection degree inserted, screwed   Pollution Degree 3   Taled surge voltage 1,5 kV   Material group (IEC 60664-1) 1   Mechanical data 1   Contour for corrugated hose without   Mechanical data   Material data 1   Coating of fitting nickel plated   Coating of fitting nickel plated   Coating of fitting nickel plated   Coating material Zinc die-casting   Material screw connection Zinc die-casting   Mechanical data   Mounting data Jonecesting   Mounting method	ETIM-5.0	EC001855
Packaging unit     1       Electrical data   Supply       Depraiting voltage AC max.     60 V       Oppraiting voltage DC max.     60 V       Oppraiting voltage DC (UL-listed)     30 V       Device protecting per contact max.     4 A       Installation   Connection     1       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     30 V       Additional condition protection degree     inserted, screwed       Ollution Degree     3       Rated surge voltage     1,5 kV       Additional condition protection degree     inserted, screwed       Ollution Degree     3       Contor corrugate hose     without       Mechanical data     Mechanical data       Dotating of futing     nickel plated       Coating of futing     nickel plated       Coating of futing     inserde, screwed, Shaking protection       Mechanical data   Moutring data	customs tariff number	85444290
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-isted)     30 V       Operating voltage AC (LL-isted)     30 V       Dereting voltage AC (LL-isted)     4 A       Installation   Connection     4 A       Installation   Connection     1       Bevice protection   Electrical     M12 x 1       Device protection protection degree     isserted, screwed       Ollution pagree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data     Material data       Contor for corrugated hose     without       Dotating of filing     nickel plated       Coating of King     Nickeled       Coating of King     Xine de-casting       Material screw connection     Zine de-casting       Material screw connection     Xine de-casting <td>GTIN</td> <td>4048879198424</td>	GTIN	4048879198424
Operating voltage AC max.     60 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     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     Useled       Contur for corrugated hose     without       Material group (IEC 60664-1)     1       Mechanical data     Useled       Contur for corrugated hose     without       Mechanical data     Useled       Coating locking     Nickeled       Coating of fitting     nickel plated       cocking material     Zinc die-casting       Material screw connection     zine die-screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection	Packaging unit	1
Operating voltage DC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Durrent 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       Mechanical data     Dotted protection   Electrical       Dotted protection protection degree     1       Mechanical data     Dotted protection   Electrical       Dotted protection degree     1       Mechanical data     Dotted protection degree       Dotted protection gree     3       Dotted protection degree     vithout       Mechanical data   Metrial data     Dotelecasting       Dotating o	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Surrent operating per contact max.     4 A       Installation   Connection     Installation   Connection       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     installation   Connection       Additional condition protection degree     inserted, screwed       Ollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data     inserted, screwed       Contour for corrugated hose     without       Mechanical data   Material data     Joickel plated       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     Joing locking       Mechanical data   Mounting data     -25 °C       Operating temperature min.     -25 °C	Operating voltage AC max.	60 V
Operating voltage DC (UL-listed)     30 V       Durrent operating per contact max.     4 A       Installation   Connection     Installation   Connection       Stripping length (jacket)     20 mm       Wounting set     M12 x 1       Device protection   Electrical     Installation protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Tated surge voltage     1, 5 kV       Material group (IEC 60664-1)     1       Mechanical data     ithout       Mechanical data     without       Dotating of fitting     nickel plated       Coating of fitting     nickel plated       Coating of fitting     Cine casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     20 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Operating voltage DC max.	60 V
Durrent operating per contact max.     4 A       Installation   Connection     20 mm       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical	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     3       Pated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data     inserted, screwed       Contour for corrugated hose     without       Mechanical data   Material data     vithout       Coating locking     Nickeled       Coating of fitting     nickel plated       coating screw connection     Zinc die-casting       Mechanical data   Mounting data     Xinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmetal characteristics   Climatic     Coating temperature min.       Operating temperature max.     85 °C	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       Pated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data     inserted, screwed       Contour for corrugated hose     without       Contour for corrugated hose     without       Coating locking     Nickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       cocking material     Zinc die-casting       Mechanical data   Mounting data     Jinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Current operating per contact max.	4 A
Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data     vithout       Contour for corrugated hose     without       Mechanical data   Material data     vickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Coating anterial     Zinc die-casting       Mechanical data   Mounting data     Vickeled       Coating meterial     Since ele, screwed, Shaking protection       Mechanical data   Mounting data     Vickeled       Coating method     inserted, screwed, Shaking protection       Deparating temperature min.     -25 °C       Deparating temperature max.     85 °C	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     vithout       Contour for corrugated hose     without       Dotating locking     Nickeled       Coating locking     Nickeled       Coating of fitting     incide plated       cocking material     Zinc die-casting       Mechanical data   Mounting data     Zinc die-casting       Mechanical data   Mounting data     Sincered, Shaking protection       Depreting temperature min.     -25 °C       Depreting temperature max.     85 °C	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     ithout       Mechanical data     without       Contour for corrugated hose     without       Mechanical data   Material data     vithout       Coating locking     Nickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       cocking material     Zinc die-casting       Material screw connection     Zinc die-casting       Munting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     S°C	Mounting set	M12 x 1
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   without     Mechanical data   without     Mechanical data   Material data   Vickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Cocking material   Zinc die-casting     Mechanical 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	Device protection   Electrical	
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   without     Mechanical data   without     Mechanical data   Material data   Vickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Cocking material   Zinc die-casting     Mechanical 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 protection degree	inserted, screwed
Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   without     Contour for corrugated hose   without     Mechanical data   Material data   Vickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     cocking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature max.   85 °C	i	
Material group (IEC 60664-1)   I     Mechanical data   without     Contour for corrugated hose   without     Mechanical data   Material data   Mechanical data   Material data     Coating locking   Nickeled     Coating of fitting   nickel plated     Coating material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C	Rated surge voltage	
Mechanical data   without     Contour for corrugated hose   without     Mechanical data   Material data   Nickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     cocking material   Zinc die-casting     Methanical data   Mounting data   Zinc die-casting     Methanical data   Mounting data   Sinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C	Material group (IEC 60664-1)	
Mechanical data   Material data     Coating locking   Nickeled     Coating of fitting   nickel plated     Cocking 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	Mechanical data	
Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Locking material screw connection   Zinc die-casting     Mechanical data   Mounting data   Jinc die-casting protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature max.   85 °C	Contour for corrugated hose	without
Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C	Mechanical data   Material data	
Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C	Coating locking	Nickeled
Jocking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C	Coating of fitting	nickel plated
Material screw connection Zinc die-casting   Mechanical data   Mounting data inserted, screwed, Shaking protection   Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic -25 °C   Operating temperature min. -25 °C   Operating temperature max. 85 °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	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic   Operating temperature min. -25 °C   Operating temperature max. 85 °C	Mechanical data   Mounting data	
Operating temperature min. -25 °C   Operating temperature max. 85 °C	Mounting method	inserted, screwed, Shaking protection
Departing temperature max. 85 °C	Environmental characteristics   Climatic	
	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality

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: 2024-04-25

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com



Conformity

DIN EN 61076-2-101 (M12) Product standard 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 5 Mio. @ 25 °C No. of bending cycles (C-track) 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 Traversing distance (C-track) 5 m @ 25 °C | horizontal 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 Nominal voltage power AC max. 250 V Electrical capacity line constant (wire - wire) 30000 pF/km (power) AC withstand voltage power (wire - shield) 1 kV @ 60 s Power frequency withstand voltage power 1 kV @ 60 s (wire - jacket) AC withstand voltage power (wire - wire) 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 UL 1581 § 1100 FT2 | IEC 60332-2-2 | 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) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter

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: 2024-04-25

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com