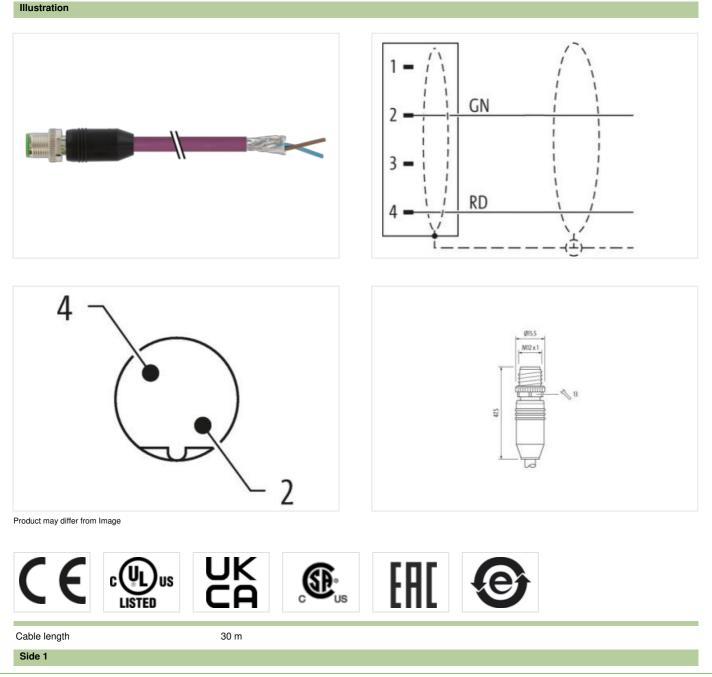


M12 male 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 30m

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



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

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 form M12 Final M12 x 1 Doding B Material PUR With across finals SW13 Dayres of protection (EN IEC 0502) IPES, IPESR, IPES7 Side 2 Sinpring length (galaket) 20 m Commercial data ECLASS 4.0 27060307 ECLASS 4.0 27060307 ECLASS 4.0 ECLASS 4.1 27090207 ECLASS 4.0 ECLASS 4.1 27060307 ECLASS 4.0 ECLASS 4.0 2606037 ECLASS 4.0 ECLASS 4.0 2606037 ECLASS 4.0 ECLASS 4.0 ECOM0365 ECOM0365 ELASS 4.0 ECOM0365 <th>Tightening torque</th> <th>0,6 Nm</th>	Tightening torque	0,6 Nm
TheadM12 x 1DadingBDadingPURWitch acress fatisSW13Degree of potection (EW EC 60502)IP65, IP66K, IP67Side 2UmCommocial dataCommocial dataECLASS 4.027061801ECLASS 4.127060307ECLASS 4.027000307ECLASS 4.027000307ECLASS 4.127000307ECLASS 4.027000307ECLASS 4.027000307ECLASS 4.127000307ECLASS 4.127000307ECLASS 4.127000307ECLASS 4.027000307ECLASS 4.127000307ECLASS 4.127000307ECLASS 4.127000307ECLASS 4.127000307ECLASS 4.127000307ECLASS 4.127000307ECLASS 4.22060307ECLASS 4.127000307ECLASS 4.22060307ECLASS 4.22060307ECLASS 4.32000185ECLASS 4.32000185ETMA 5.0EOC1855ECHASS 4.320012ETMA 5.080420ECHASS 4.330 VECHASS 4.430 VEcherical GLAS Supp30 VEcherical GLAS Supp30 VEcherical GLAS Supp30 VEcherical GLASS 4.430 VEcherical GLAS30 VEcherical GLAS30 VEcherical GLAS30 VEcherical GLAS30 VEcherical GLAS30 VEcherical GLAS30 V <td< td=""><td>Mounting method</td><td>inserted, screwed</td></td<>	Mounting method	inserted, screwed
Data Data MariaBData MariaPURWith across faisSW13Darges of protection (EN IEC 00529)IPES, IPEGR, IPE7Side 2Simpole equit (joset)20 mCommercial data27061801ECLASS 6.027060307ECLASS 7.027060307ECLASS 9.027060307ECLASS 9.027060307ECLASS 9.027060307ECLASS 9.027060307ECLASS 9.027060307ECLASS 9.10.127060307ECLASS 9.10.227060307ECLASS 9.10.327060307ECLASS 9.10.327060307ECLASS 9.10.427060307ECLASS 9.10.427060307ECLASS 9.10.327060307ECLASS 9.10.427060307ECLASS 9.10.427060307ECLASS 9.10.427060307ECLASS 9.10.427060307ECLASS 9.10.427060307ECLASS 9.10.520070ECLASS 9.10.42006037ECLASS 9.10.42006037ECLASS 9.10.520070ECLASS 9.10.42006037ECLASS 9.10.520070ECLASS 9.10.520070ECLASS 9.10.42006037ECLASS 9.10.520070ECLASS 9.10.520070ECLASS 9.10.520070ECLASS 9.10.520070ECLASS 9.10.520070ECLASS 9.10.520070ECLASS 9.10.520070ECLASS 9.10.520070ECLASS 9.10.520070ECLASS 9.10.520070<	Family construction form	M12
ManinalPURWath accoss flatsSW13Well accoss flatsSW13Speere of profection (EN IEC 05020)IP65, IP67Side 20 mmCommonical data200 fmCommonical data27065007ECLASS-6.027065007ECLASS-6.027065007ECLASS-6.027065007ECLASS-6.027065007ECLASS-6.027065007ECLASS-6.027065007ECLASS-6.027065007ECLASS-6.127065007ECLASS-1.127065007ECHARS ACCARS80 VDoraring willing AC man. </td <td>Thread</td> <td>M12 x 1</td>	Thread	M12 x 1
Well acces flais Wfl 3 Degree of pritection (EN IEC 60529) IP66, IP66K, IP67 Side 2 Primetion (EN IEC 60529) Primetion (EN IEC 60529) Side 3 20 mm Primetion (EN IEC 60529) Commercial data Primetion (EN IEC 60529) Primetion (EN IEC 60529) ECLASS-6.1 27060307 Primetion (EN IEC 60529) ECLASS-7.0 27060307 Primetion (EN IEC 60529) ECLASS-8.0 27060307 Primetion (EN IEC 60529) ECLASS-1.1 27060307 Primetion (EN IEC 60529) ECLASS-1.2 27060307 Primetion (EN IEC 60529) ECLASS-1.2 27060307 Primetion (EN IEC 60529) ECLASS-1.2 27060307 Primetion (EN IEC 60529) Primetion Visitage Access.0 ECO001855 Primetion Visitage Access.0 Primetion Visitage Access.0 EO V Primetion Visitage Access.0 Paration Visitage Access.0 EO V Primetion Visitage Access.0 Paration Visitage Access.0 EO V Primetion Visitage Access.0 Paration Visitage Access.0 EO V Primetion Visitage Access.0 Paratio	Coding	В
Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Side 2 Sinping length (jacket) 20 mn Commercial data 20 mn ECLASS-6.0 27061001 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 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-1.0 27060307 Eductiad Idl	Material	PUR
Siko 2 Simpsing inguth (acket) 20 mm Commercial data E ECALSSE 4.0 27061001 ECLASSE 5.1 27060307 ECLASSE 3.0 27060307 ECLASSE 3.1 27060307 ECLASSE 3.1.1 27060307 ECLASSE 3.2.0 27060307 ECLASSE 3.1.1 27060307 ECLASSE 3.2.0 27060307 ECLASSE 3.2.0 27060307 ECLASSE 3.2.0 27060307 ECLASSE 3.2.0 EC00185.5 automs tariff number 8544229 STIM 4 4046879168316 Eackaging unita 1 Electrical data [Suppit 90 V Operating voltage A.C (UL-listed) 30 V Entertical data [Cubeth 2 90 vm Operating voltage A.C (UL-listed) 30 V Entertical data [Cubeth 2 90 rm Noretter Operating prote Contart max. <td< td=""><td>Width across flats</td><td>SW13</td></td<>	Width across flats	SW13
Shipping lengh (jacket)20 mmConservedSondorConservedSondorConservedSondorConservedConservedSondorConservedSondorConservedSondorConservedSondorConservedSondor		

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

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



Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius 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 24 AWG Diameter of single wires 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) 1 kV @ 60 s AC withstand voltage (wire - shield) Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C 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 5 Mio. @ 25 °C Travel speed (C-track)

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

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