

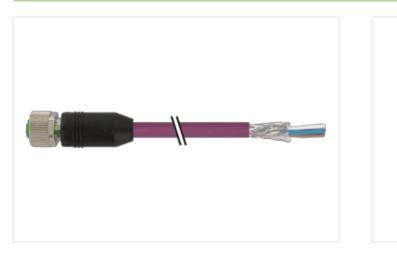
M12 female 0° B-cod. with cable shielded

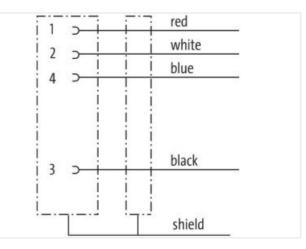
PUR AWG24+22 shielded vt UL/CSA+drag ch. 7m

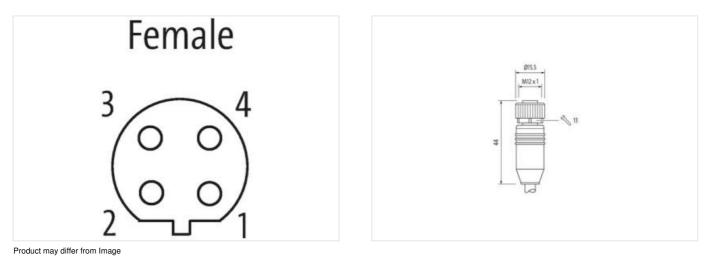
Female straight M12, 4-pole B-coded shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product









 Cable length
 7 m

 Side 1
 7

 Tightening torque
 0,6 Nm

 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: 2024-04-16

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



Thread M12 x 1 Coding B Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.0 ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-1.1 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879198547 Packaging unit 1 Electrical data Supply <td< th=""><th>Mounting method</th><th>inserted, screwed</th></td<>	Mounting method	inserted, screwed
OcdingBMaterialPURNo. of polos4Wich accos fintsSW13Deprice of protection (EN IEC 50257)IP67Commercial data27060307ECLASS 6.027060307ECLASS 7.027060307ECLASS 7.027060307ECLASS 8.027060307ECLASS 8.027060307ECLASS 8.027060307ECLASS 8.027060307ECLASS 8.027060307ECLASS 8.027060307ECLASS 8.10.127060307ECLASS 8.10.227060307ECLASS 7.1027060307ECLASS 7.1027060307Parkaging unt1ELECECASS 7.1030Operating voltage AC (UL listed)30 VOperating voltage AC (UL listed)30 VOperating voltage CO Flue Sted)30	Family construction form	M12
MaterialPURNo. of poles4No. of poles4With across fatsSW13Degree of protection (EN EC 6029)IP67Commercial data27061001ECLASS-6.027060307ECLASS-6.127060307ECLASS-6.127060307ECLASS-8.027060307ECLASS-8.127060307ECLASS-8.1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-1.127060307ECLASS-2.027060307ETMA-060407Start60407Derating uotage Ecrass854420CITN404079196547Packaging uotage60 VOperating uotage ECrass60 VOperating uotage CCrass60 VOperating uotage CCrass60 VOperating uotage CCrass60 VOperating uotage CCrass81 ADevice protection Factorics4AEduction Conductions4AEduction Ecrictics4ADevice protection Factorics4AEduction Ecrictics30 VConter for promotection factorics4AEduction Ecrictics4AEduction Ecrictics4A <td>Thread</td> <td>M12 x 1</td>	Thread	M12 x 1
No. of poles4With access flatsSW13Degree of protection (ELEC 00529)IP67Commercial dats270500307ECLASS 6.0270500307ECLASS 7.0270500307ECLASS 7.0270500307ECLASS 7.0270500307ECLASS 8.10.1270500307ECLASS 8.10.1270500307ECLASS 8.10.1270500307ECLASS 8.10.1270500307ECLASS 9.11.1270500307ECLASS 9.10.1270500307ECLASS 9.11.1270500307ECLASS 9.11.1270500307ECLASS 9.12.1270500307ECLASS 9.13.1270500307ECLASS 9.13.1270500307ECLASS 9.10.1270500307ECLASS 9.11.1270500307ECLASS 9.12.1270500307ECLASS 9.13.1270500307ECLASS 9.13.1270500307ECLASS 9.14.1270500307ECLASS 9.10.1270500307ECLASS 9.10.1270500307ECLASS 9.10.11Electaci data [Supply00000Operating voltage AC (ILE.Isted)30 VOperating voltage AC (ILE.Isted)30 VOperating voltage AC (ILE.Isted)30 VOperating voltage AC (ILE.Isted)30 VOperating voltage AC (ILE.Isted)30 VInstruct GenerationInstruct GenerationRelational Confloin protection (ElectricalSourceMaterial protection [ElectricalSourceAdditional confloin protection (ElectricalSourceContario Confloing<	Coding	B
With access flais 9H7 Degree of protection (EN IEC 6029) 9H7 Commercial dis 2 ECLASS-6.0 27060307 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.1 27060307 ECLASS-8.1 27060307 ECLASS-8.1 27060307 ECLASS-8.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECHASS-1.1 40487318047 Packagn unt 1 Edercial distal Supay ontage EC	Material	PUR
Degree of protection (EN IEC 60629) IP67 Commonical data Vertical Commonical Common	No. of poles	4
Commercial dataECLASS-6.027061801ECLASS-6.027060307ECLASS-7.027060307ECLASS-8.027060307ECLASS-8.1027060307ECLASS-8.1127060307ECLASS 10.127060307ECLASS 11.127060307ECLASS 12.027060307ETIM-5.0ECO01855Contorn Isrdf number8542420GTIN4048979189547Packaging unit1Etertical data [SuppyEtertical data [Suppy80 VOperating voltage AC max.60 VOperating voltage AC (LL-listed)30 VCurrent operating soft optic content max.4 AEtertical data [Suppy]Iseletakinon (Incometician)Additional condition protection [Etertical]Iseletakinon (Incometician)Contor or o	Width across flats	SW13
ECLASS-6.027061301ECLASS-7.127060307ECLASS 7.027060307ECLASS 8.027060307ECLASS 8.027060307ECLASS 7.027060307ECLASS 7.027060307ECLASS 7.127060307ECLASS 7.127060307ECLASS 7.227060307ECLASS 7.227060307Packaging unit4Ectricatiotata [Supply0Oparating voltage AC Max.60 VOparating voltage CO LU-Bialed30 VCurrent oparating voltage CO CUL-Bialed30 VCurrent oparating voltage CO CUL-Bialed10 VMunting ateM12 x 1Entertication I ElectricatInserted, screwodPollion Degree3Rated surge voltage1.5 kVMutafe starter voltage1.5 kVMutafe starter voltage1.6 keladContart of ComplexitInserted, screwod, Shakin	Degree of protection (EN IEC 60529)	IP67
ECLASS 6.1 27060307 ECLASS 7.0 27060307 ECLASS 8.0 27060307 ECLASS 9.0 27060307 ECLASS 1.0.1 27060307 ECLASS 1.0.1 27060307 ECLASS 1.0.1 27060307 ECLASS 1.0.1 27060307 ECLASS 1.1 27060307 ECLASS 1.1.1 27060307 ECLASS 1.2.0 27000307 ECLASS 1.1.1 27060307 ECLASS 1.2.0 27000307 ECLASS 1.1.1 27060307 ECLASS 1.2.0 27000307 ECLASS 1.2.0 27000307 ECLASS 1.1.1 27060307 ECLASS 1.1.1 27060307 ECLASS 1.1.1 27060307 ECLASS 1.2.0 27000307 ECLASS 1.2.0 27000307 ECLASS 1.2.0 27000307 ECLASS 1.1.1 27060307 ECLASS 1.2.0 27000307 ELASS 1.2.0 27000307 ELASS 1.2.0 2700037 ELASS 1.2.0 01 ELASS 1.2.0 01	Commercial data	
ECLASS-7.0 27080307 ECLASS-8.0 27080307 ECLASS-8.0 27080307 ECLASS-10.1 27080307 ECLASS-11.1 27080307 ECLASS-12 27080307 ECLASS-12.0 27080307 ECLASS-12.0 27080307 ETM-6.0 ECO01955 causons tarff rumber 8544280 GTIN 404897198547 Packaging unit 1 Etertical data Supply Uporating voltage AC max. Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-Isted) 30 V Current operating voltage AC (UL-Isted) 30 V Current operating voltage AC (UL-Isted) 30 V Current operating voltage AC (UL-Isted) 30 V Externet action I Electrical 30 V Current operating voltage AC (UL-Isted) 30 V Externet action I Electrical 10 V Externet action I Electrical 10 V Additonal condition protection degree inserted, screwed Pollution protectio	ECLASS-6.0	27061801
ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 4049379198547 Packajng unitag 60 V Operating voltage DC Max. 60 V Operating voltage DC Max. 60 V Operating voltage DC Max. 4 A Externet Contentor 12 K Machancel Detectical 4 A Additional Contelon degree inserted, screwed <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 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 usatoms taff number 8544290 GTIN 404879198647 Packaging unit 1 Electrical data Supply Operating voltage AC max. Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current Operating voltage AC (UL-listed) 30 V Current Operating voltage AC (UL-listed) 30 V Deveting voltage AC (UL-listed) 30 V Current Operating voltage AC (UL-listed) 30 V Deveting Depreting 1 Electrical Supply 1 Device protection Electrical 1 Additional condition protection degree inserted. screwed Pollution Degree 3 Relet surge voltage AC (ML-listed) 1 Mechanical data Material Groute) 1 Mechani	ECLASS-7.0	27060307
ECLASS-10.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM 5.0 EC001855 customs tauff number 85444290 GTIN 4048879198547 Packaging unit 1 Electical data Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Device protection Electrical Jackel Patental Scrowed Polition Degree 3 Rated surge voltage 1.5 kV Material surge voltage 1.5 kV Contur for corrugated hose without Mechanical data Material data Con die casting <tr< td=""><td>ECLASS-8.0</td><td>27060307</td></tr<>	ECLASS-8.0	27060307
EGLASS-11.1 27060307 EGLASS-12.0 27050307 EGLASS-12.0 27050307 EGLASS-12.0 EC001855 customs tariff number 85444280 GTIN 404879198547 Peckaging unit 1 Electrical data Supply 0 Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Device protection Electrical Mouting set Matchal group (IEC 60564-1) I Material group (IEC 60564-1) I Methanical data Material data Moutic Methanical data Material data Ide-asting Methanical data Material data Ide-asting Methanical data Material data Ide-asting Methanical data Mouting data<	ECLASS-9.0	27060307
ECLASS-12.0 27060307 ETIM-5.0 EC001855 castoms taiff number 8544290 GTIN 4048879198647 Packaging unit 1 Electrical data Supply 0 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 Current operating por contact max. 4 A Instaliation Connection utal x 1 Device protection Electrical Matt x 1 Device protection Genectical instruct, serwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (EC 60664-1) 1 Mechanical data Material data Mechanical data Material data Locking material Zinc dio-casting Material serw connection Zinc dio-casting Material serw connection Insel dia casting Material serw connection I inserted, serwed, Shaking protection Enderson Zinc dio-casting Material serw connection Zinc dio-casting Material serw connection Zinc dio-casting Material serw connection I inserted, serwed, Shaking protection Enderson Zinc dio-casting	ECLASS-10.1	27060307
ETIM-5.0 EC001855 customs tailf number 85444290 GTIN 4048879188547 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (LL-listed) 30 V Operating voltage AC (LL-listed) 30 V Operating voltage AC (LL-listed) 30 V Current operating par contact max. 4 A Installation Connection Mounting set M12 x 1 Device protection Electrical Additonal condition protection degree Inserted, screwed Poliution Degree 3 Pater and group (IEC 60664-1) I Mechanical data Material group (IEC 60664-1) Contor for corrugated hose without Mechanical data Material data Coating of fitting nickel plated Coating of fitting nickel plated Coating of fitting nickel screwed, Shaking protection Material screw connection tegree S °C Additional condition temperature max. 8 °C Coperating temperature max. 8 °C Coperating temperature max. 8 °C Coperating temperature max.	ECLASS-11.1	27060307
customs tariff number 85444290 GTIN 4048879198547 Packaging unit 1 Electrical dial Supply 60 V 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 oper contact max. 4 A Installizion Connection M12 x 1 Device protection Electrical M12 x 1 Device protection Electrical M12 x 1 Device protection [Electrical SV Additional condition protection degree 3 Poliution Degree 3 Rated surge voltage 1,5 kV Material group (EC 60684-1) 1 Mechanical data Unit unit unit unit unit unit unit unit u	ECLASS-12.0	27060307
GTIN 4048879198547 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage AC (UIsted) 30 V Current operating page contact max. 4 A Installation I Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Reade surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Contor of corrugated hose without Mechanical data Coating locking material Xinckeled Coating locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Metharial chala (I Mounting data Metharial screw connection Sin S''C Additional condition temperature max. 85 ''C Additional condition temperature range depending on cable quality Contornity Product standard Din Kenedito </td <td>ETIM-5.0</td> <td>EC001855</td>	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Bevice protection l Electrical M12 x 1 Additional condition protection degree inserted, screwed Pollution Degree 3 Rated Surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Contor for corrugated hose without Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Cale-casting Material screw connection Zin cule-casting Material cast (Singer Leg	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 Operating operator voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Maxet all (Sample AC (UL-listed) Additional condition protection degree Inserted, screwed Pollution Degree 3 Additional condition protection degree 1.5 kV Material group (ICE 60664-1) 1 Mechanical data Voltage Contour for corrugated hose without Mechanical data Material data Voltage Contarg for filing nickelplated Locking and filing Nickeled Coating locking Nickeled Material Strew connection Zinc die-casting Material Strew connection Since die-casting Material Mounting data Inserted, screwed, Shaking protection Foriconnential characteristis Climatic </td <td>GTIN</td> <td>4048879198547</td>	GTIN	4048879198547
Operating voltage AC max. 60 V Operating voltage AC (LL-listed) 30 V Operating voltage AC (LL-listed) 30 V Current operating per contact max. 4 A Installation Connection Installation Connection Mounting set M12 x 1 Device protection Electrical Instred, screwed Additional condition protection degree 3 Rated surge voltage 1.5 kV Material group (IEC 60664-1) 1 Mechanical data Instred, screwed Contour for corrugated hose without Mechanical data Instred, screwed Coating of fitting Nickeled Coating of fitting Instred, screwed Pollucing locking Nickeled Coating of fitting Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Instred, screwed, Shaking protection Environmental characteristics Climatt Si ° C Operating represtrue min. 25 ° C Operating represtrue remin. 25 ° C Operating remperature min.	Packaging unit	1
Operating voltage DC 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 Installation Connection 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 Inserted Contour for corrugated hose without Mechanical data Material data Inserted 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 25 °C Operating temperature main. -25 °C Operating temperature max. 85 °C Additional condition tempera	Electrical data Supply	
Operating voltage DC 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 Installation Connection 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 Inserted Contour for corrugated hose without Mechanical data Material data Inserted 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 25 °C Operating temperature main. -25 °C Operating temperature max. 85 °C Additional condition tempera	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 Installation Connection Bevice protection Electrical M12 x 1 Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data uitbut Contron for corrugated hose witbut Coating locking Nickeled Coating locking Nickeled Coating locking Inserted, screwed, Shaking protection Material screw connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection Inserted, screwed, Shaking protection Environmental characteristics Climatic Concomig Coperating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional		60 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Mounting set M12 x 1 Device protection Electrical Instruct max Additional condition protection degree inserted, screwed Pollution Degree 3 3 Additional condition protection degree 3 Rated surge voltage 1,5 kV Material group (EC 60664-1) I Mechanical data Inserted, screwed Mounting set Mounting set Material group (EC 60664-1) I Mechanical data Material group (EC 60664-1) I I Mechanical data Material group (EC 60664-1) I Material group (EC 60664-1) I Mechanical data Material group (EC 60664-1) I I Mechanical data Materi		30 V
Installation Connection 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 Methanical data inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Methanical data inserted, screwed,	Operating voltage DC (UL-listed)	30 V
Mounting set M12 x 1 Device protection Electrical inserted, screwed Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data vithout Mechanical data without Contour for corrugated hose without Coating of fitting Nickeled Coating of fitting Nickel plated Locking material Zinc clie-casting Material screw connection Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Sing Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable qualify Portorential Sing Ciasting Additional condition temperature range depending on cable qualify	Current operating per contact max.	4 A
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 vithout Mechanical data vithout Contour for corrugated hose without 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 screwed, Shaking protection Environmental characteristics Climatic Vickeled Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity UN EN 61076-2-101 (M12)	Installation Connection	
Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical datainserted, screwedContour for corrugated hosewithoutMechanical data Material dataICoating lockingNickeledCoating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics Climatic25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityEnvironmental characteristics ClimaticProduct standardDIN EN 61076-2-101 (M12)	Mounting set	M12 x 1
Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical datainserted, screwedContour for corrugated hosewithoutMechanical data Material dataICoating lockingNickeledCoating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics Climatic25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityEnvironmental characteristics ClimaticProduct standardDIN EN 61076-2-101 (M12)	Device protection Electrical	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data I Contour for corrugated hose without Mechanical data Vithout Mechanical data Nickeled 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 -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity DIN EN 61076-2-101 (M12)	Additional condition protection degree	inserted. screwed
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data vithout Contour for corrugated hose without Mechanical data Vickeled 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 -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12)		
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 Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Vickeled Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Vickeled Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12)		
Mechanical data Contour for corrugated hose without Mechanical data Material data International data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Mechanical data Mounting data Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity UN EN 61076-2-101 (M12)		
Contour for corrugated hose without Mechanical data Material data Nickeled Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Vincele, screwed, Shaking protection Environmental characteristics Climatic Volumenter Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12)		
Mechanical data Material data Coating locking Nickeled 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 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 Conformity UN EN 61076-2-101 (M12)		without
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 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 Conformity DIN EN 61076-2-101 (M12)		
Coating 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 qualityConformityDIN EN 61076-2-101 (M12)	·	Niekolod
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 Conformity DIN EN 61076-2-101 (M12)		
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 Additional condition temperature range depending on cable quality Conformity		
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 Conformity Product standard Pinduct standard DIN EN 61076-2-101 (M12)		
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)		· · · · · · · · · · · · · · · · · · ·
Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12)		inserted, screwed. Shaking protection
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12)	-	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12)	· ·	
Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12)		
Conformity Product standard DIN EN 61076-2-101 (M12)		
Product standard DIN EN 61076-2-101 (M12)		
Installation Cable		DIN EN 61076-2-101 (M12)
	Installation Cable	

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: 2024-04-16

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



	803
Cable identification	
Jacket Color	violet
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	2 Stranded joints twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	65 %
Banding	Foil
Drain wire (cross-section)	22 AWG
wire arrangement	(white, blue), (black, red)
No. of bending cycles (C-track)	1 Mio.
Cable weigth	63,12 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PE
Amount wires	2
Outer diameter insulation	
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	64 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
	24 AWG
Diameter of single wires	24 AWG
Conductor crosssection (wire)	
Drain wire (cross-section)	22 AWG
Material conductor wire	copper stranded wire, tinned
Electrical function wire	Data
Material wire insulation (Data)	PE
Outer diameter wire insulation (Data)	1,5 mm
Tolerance outer diameter wire insulation (data)	
Ingredient freeness wire insulation (Data)	lead-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	19
Diameter of single wires (Data)	22 AWG
Conductor crosssection wire (Data)	22 AWG
Material conductor wire (Data)	copper stranded wire, tinned
Electrical function wire (data)	Power
Traversing distance (C-track)	5 m
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Current load capacity min. Wire (Data)	6 A
Electrical function wire	Data
Electrical function wire (data)	Power
Characteristic impedance	120 Ω ± 10 % @ 1 MHz
Electrical resistance line constant wire	78 Ω/km
Electrical resistance coating wire (Data)	54 Ω/km
Nominal voltage power AC max.	300 V
Electric capacitance (power)	40000 pF/km
AC withstand voltage power (wire - shield)	2 kV @ 60 s
······································	

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: 2024-04-16

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °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	DIN EN 60811-404 Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m

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: 2024-04-16 Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl