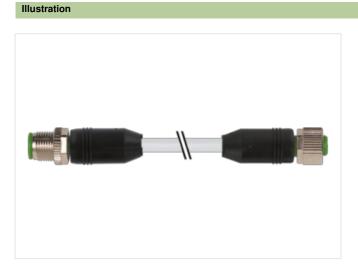


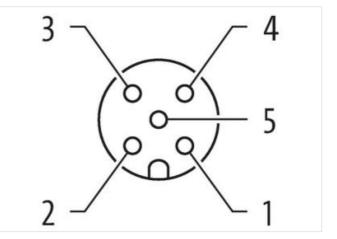
M12 male 0° / M12 female 0°

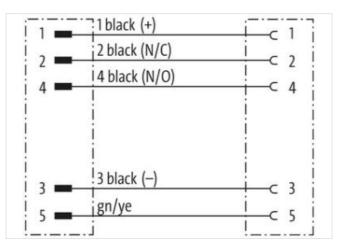
PUR 5x0.75 gy UL/CSA+drag ch. 20m

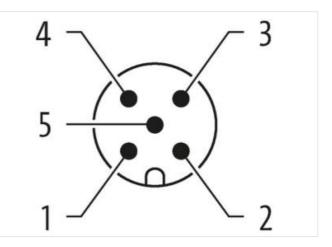
Male straight – female straight M12 – M12, 5-pole with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product





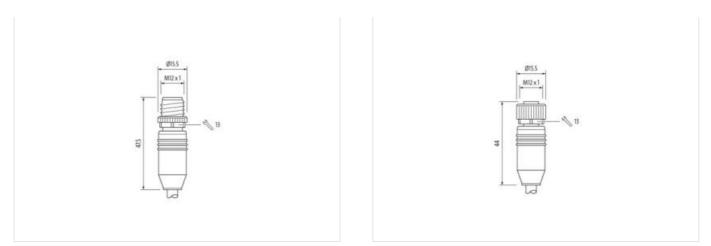




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-20

Murrelektronik GmbH | Office Park 4, 4.0G/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at





Product may differ from Image



| Cable length | 20 m |
|-------------------------------------|---------------|
| Side 1 | |
| Tightening torque | 0,6 Nm |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| No. of poles | 5 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP67 |
| Side 2 | |
| Tightening torque | 0,6 Nm |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| No. of poles | 5 |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-9.0 | 27060311 |
| ECLASS-10.1 | 27060311 |
| ECLASS-11.1 | 27060311 |
| ECLASS-12.0 | 27060311 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879591706 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 125 V |
| Operating voltage DC max. | 125 V |
| Operating voltage AC (UL-listed) | 30 V |
| Operating voltage DC (UL-listed) | 30 V |

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: 2024-04-20

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



| Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C Additional conditions temperature range depending on cable quality Conformity Environmental Characteristics Climatic Product standard DIN EN 61076.2·101 (M12) Installation Cable Cable denvironmental characteristics Climatic Cable distribution 238 Cable Type 3 Printing calor of wire insulation white (isolation black) Locking Climatia CURus Annount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement black 1, black 2, black 3, green -yellow, black 4 No. of bending cycles (C+track) 10 Mino. @ 25 °C Cable weigh 91.4 g/m Material Jokket 90.4 5 Shore A Freedom from ingredientis (jacket) | Current operating per contact max. | 4 A |
|--|--|--|
| Device protection Electrical Material condition protection degree Additional condition protection degree 3 Rated supe voltage 1.5 kV Material group (IEC 0064-1) 1 Machanical discil Material data Machanical discil Material data Machanical discil Material data Viceled Material proving PUP Contany focking Nockeled Material discil Material data Tone fock sortewed, Shaking protection Excitacit dital Mouning data Tone fock sortewed, Shaking protection Excitacit dital Material data Sor Co Operating is segmerature min. 25 r Co Operating is segmerature min. 26 r Co Operating is segmerature min. 25 r Co Operating is segmerature min. 28 r Co Operating is segmerature min. 28 r Co Operating is segmerature min. | Diagnostics | |
| Device protection Electrical Material condition protection degree Additional condition protection degree 3 Rated supe voltage 1.5 kV Material group (IEC 0064-1) 1 Machanical discil Material data Machanical discil Material data Machanical discil Material data Viceled Material proving PUP Contany focking Nockeled Material discil Material data Tone fock sortewed, Shaking protection Excitacit dital Mouning data Tone fock sortewed, Shaking protection Excitacit dital Material data Sor Co Operating is segmerature min. 25 r Co Operating is segmerature min. 26 r Co Operating is segmerature min. 25 r Co Operating is segmerature min. 28 r Co Operating is segmerature min. 28 r Co Operating is segmerature min. | | no |
| Additional condition protection degreeinserted, screwedPolution Degree3Polution Degree1.5 VMeterial group (IEC 89664-1)1Internating proportion degree1.5 VMaterial group (IEC 89664-1)1.5 VMaterial group (IEC 89664-1)1.5 VMaterial couring collVickeledMaterial couring collVickeledMaterial factoriation (IEC 89664-1)2.5 CControl topical factoriation (IEC 89664-1)2.5 CMaterial and Material Material Screwed, Shaking protection2.5 CPorticing Isomperature min.2.5 COperating Isomperature min.2.6 | | |
| Polution Dagwa 3 Rand surge voltage 1,5 kV Macharid group (ICK 05064-1) 1 Machanical data [Material data Conting to Stope (1) Conting to Stope (1) Nocked Material housing material Zine die-saaling Machanical data [Mounting data Material housing matherial Mothand atter (1) Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature man. Operating temperature man. 25 °C Additional condition temperature range depending on cable quality Contromity Disc 16076-2-101 (M12) Installation [Cable Coll Cable disc 10 (M12) Installation [Cable Cable disc 10 wei installation Zine disc 10 wei installation 238 Cable Type 3 Tripe of Carification 238 Cable Material cable QHBus Amount stranding 1 Was Amount stranding 1 Was (Soleaton black) Material wei installation QMSu (Soleaton black) Stranding 9 wife saround Core filter twisted | | |
| Batef supportingen 1.5 kV Material group (IEC 60684-1) 1 Material focusing Nickeled Coating locking Nickeled Material housing PUR Coating locking material Zin de-casting Material housing PUR Coating instruction Baterial Accentriates (Control of the casting) Material housing PUR Coating instruction Sint de-casting Material properture max. B5 °C Operating temperature max. B5 °C Additional condition temperature range depending on cable quality Contomity Diff Sint Control (M12) Product standard DIN EN 61076-2-101 (M12) Installation (Cable 238 Cable dontification 238 Cable dontification 248 Cable dontification 1 Material properties QURus Ansunt stranding 1 Stranding S wires around Core Iller twated Stranding cycles (C-track) 10 Mae. Qr S °C Coatinding cycles (C-track) 10 Mae. Qr S | • | |
| Material group (IEC 60684-1) 1 Machanical data [Material data Coating looking Nickeled Coating looking PUR Coating looking Nickeled Material rouzing PUR Coating looking Nickeled Machanical data [Mounting data Time die casting Nochanical data [Mounting data Mounting method inserted, screwed, Shaking protection Coating looking Environmental characteristics [Climatic Operating temperature man. 25 °C Operating temperature man. 25 °C Coating looking Operating temperature man. 25 °C Coating looking Product standard DIN EN 61076-2-101 (M12) Instaliation I cable Cable loging 3 Coating looking Standing Product standard DIN EN 61076-2-101 (M12) Instaliation I cable Coating looking Cable loging 3 Standing | | |
| Mechanical data Material data Cacialing locking Nickeled Material housing PUB Cocking material Cade casting Material housing Inserted, screwed, Shaking protection Exvironmental chanacteristics Climatic Image: Screwed, Shaking protection Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Contomity E Product standard DIN EN 61076-2-101 (M12) Installing Din EN 61076-2-101 (M12) Cable domitification Cable E Cable domitification Cable Sa Cable domitification Cable Sa Cable domitification Cable Sa Cable domitification Cable Calledomitification Calledomitification Sa wearound Core Illier twaterial experiment Calledomitification Calledomitification Calledomitification Calledomitification Calledomitification Calledomitification Calledomitification Calledomitification Calledomitification Calledomitificati Calledomitificati Calledomitification Calledomit | | 1,5 KV |
| Ocaling lockingNickeledMaterial nousingPURCocking matorialIon dio coasingMaterial nousingInserted, screwed, Shaking protectionEnvironmental characteristics [ClimatOperating temperature min.25 °COperating temperature min.26 °COperating temperature min.26 °COperating temperature min.26 °COperating temperature min.26 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualifyContornityProduct standardDIN EN 61076-2101 (M12)Institution [CableCable identification [CableCable identification [Cable238Cable of yole3Type of CertificateUURusType of CertificateUURusAmount stranding1Type of Certificate10 No. @ 25 °CCable wight10 S Shore AFreeder hardner insulation10 ± 5 %Cuber diameter insulation10 ± 5 %Cuber diameter insulation10 ± 5 %Chardner insulation10 ± 5 %Chardner insulation10 ± 5 %Cable wight10 ± 5 %Cable wight10 ± 5 %Cable wight10 ± 5 %Cable wight insulation10 ± 5 %Chardner insulation10 ± 5 % | | |
| Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data inserted. screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Environmental Cable Cable identification 238 Cable Type 3 Printing color of wire insulation white isolation black() Jacket Color gray Type of Certificate Culfus Material jacket Quire Streament Bick I, black 2, black 3, green-yellow, black 4 Quire Streament No. of banding cycles (C-track) 10 Mic. @ 25 °C Cable weight 81.4 g/m Material jacket PUR Store during scleaket PUR Vier - during color durine insulation Not be acting scleaket Vier acting scleaket PUR Store during cycles (C-track) 10 Mic. @ 25 °C Cable weight 81.4 g/m Material wire | | |
| Locking material Zinc die-casting Mechanical data Mounting data inserted. screwed. Shaking protection Environmental characteristics Climatics Community Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Conformity Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Conformity Cable intermitication 238 Cable of write insulation white (isolation black) Jacket Color gray Type of Cerfficate CURus Anount stranding 1 Stranding S wires around Core filler twisted Filler yee Verificate CURus Cable weigh 81.4 ym Material jacket PUR Store farmes gicket 90.1 S Shore A Shore harces gicket 90.2 S Shore A Cafformerer 5 Colar diameter (iscket) 7 mm Tolerance outer insulation 18.5 mm | Coating locking | |
| Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Environmental characteristics Climatic Product standad 238 Cable identification 238 Cable for fore 3 Printing color diver insulation While (solation black) Jacket Color gray Type of Certificate CURus Amount stranding 1 Stranding 5 wires around Core Iller twisted Fuller yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (Crack) 10 Mic. @ 25 °C Cable weigh 61 4 ym Material jacket PUR Shore hardness jacket 90 5 Shore A Freedom tom ingedients (jacky) 7 mm Tolerance outer diameter (health) 25 % Cubit weigh 5 Outer diameter insulation< | Material housing | PUR |
| Munting method inserted, screwed. Shaking protection Environmental characteristics [Climatic -25 °C Operating temperature man. 65 °C Operating temperature man. 65 °C Additional condition temperature range depending on cable quality Conternity V Product standard DIN EN 610%-2-101 (M12) Installation [Cable 238 Cable identification 338 Cable identification gray Type of Certificate gray Type of Certificate cURus Anount stranding 1 Stranding Sivies around Core filler twisted Filler yes Write arangement black 1, black 2, black 3, green-yellow, black 4 No. of banding cycles (C-track) 104. % 104. % 29 °C Cable weigh 81.4 g/m Material jacket 9.0 ± 5 Shore A Freedom from ingredients (jacket) Iead free, cadmium free, CFC free, halogen free, silcone-free Outer diameter (iscket) 7.0 ± 5 % Shore hardness wire insulation 10 ± 5 % Outer diameter folerance core | Locking material | Zinc die-casting |
| Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Cable temperature max. 90 15 Since Nature. Yee of Certificate 94 °C Cable weigh 81,4 g/m Material jocket 90 fe Since A Freedom from ingredients (jacket) 104 °Free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter fisaketion 70 fe Since D Ingredient freeness weight insulation 70 fe Since D Ingredient freenest weight | Mechanical data Mounting data | |
| Operating temperature max. 25 °C Operating temperature max. 85 °C Additional condition temperature maye depending on cable quality Conformity IN EN 61076-2-101 (M12) Installation Cable Installation Cable Cable indiffication 238 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color gray Type of Certificate culRus Annount stranding 1 Stranding 5 wires around Core filler twisted Filler ye8 Wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of banding cycles (C-track) 10 Mio. @ 25 °C Cable weight 81.4 g/m Material jackt PUR Shore hardness jackt 90 ± 5 Shore A Freedom from ingredients (jacket) Ie3 4/feo, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (silackt) 1.85 rm Outer diameter insulation 7.5 % Material wire insulation 7.6 % Material wire insulation 1.65 rm | Mounting method | inserted, screwed, Shaking protection |
| Operating temperature max. 25 °C Operating temperature max. 85 °C Additional condition temperature maye depending on cable quality Conformity IN EN 61076-2-101 (M12) Installation Cable Installation Cable Cable indiffication 238 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color gray Type of Certificate culRus Annount stranding 1 Stranding 5 wires around Core filler twisted Filler ye8 Wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of banding cycles (C-track) 10 Mio. @ 25 °C Cable weight 81.4 g/m Material jackt PUR Shore hardness jackt 90 ± 5 Shore A Freedom from ingredients (jacket) Ie3 4/feo, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (silackt) 1.85 rm Outer diameter insulation 7.5 % Material wire insulation 7.6 % Material wire insulation 1.65 rm | Environmental characteristics Climatic | |
| Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conternity DIN EN 61076-2·101 (M12) Installation [Cable 239 Cable identification 239 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color gray Type of Certificate cUPRus Amount Stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mice 2° °C Cable weight 814 g/m Material jacket PUR Shore hardness jacket 90 ± 5 %hore A Freedom from ingredients (gacket) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Arount twise 5 Outer diameter (sheath) ± 5 %. Material wire insulation 12 5 %hore D Internation wire insulation 12 | | -25 °C |
| Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 238 Cable identification 238 Cable identification 238 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color gray Type of Certificate CJBus Annourt stranding 1 Stranding 5 wires around Core filler twisted Filler yes Stranding 5 wires around Core filler twisted 2 Stranding No. of bending cycles (C+track) 10 Mic. @ 25 °C Cable weight 81.4 g/m Material jacket P UR Store A Store A Shore hardness jacket 90.4 5 Shore A P Amount wires 5 Outer diameter (lacket) P P Amount wires 5 Soce D Soce | | |
| Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable 238 Cable denification 238 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color gray Type of certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 81.4 g/m Material jacket PUR Shore hardness jacket 90.4 5 Shore A Freedom from ingredients (jacket) 1 ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (gacket) 1.45 % Material wire insulation PP Amount wires 5 Outer diameter (esheath) ± 5 % Shore hardness wire insulation 1.45 sm Outer diameter (esheath) ± 5 % Shore hardneswire insulation 1.45 sm < | | |
| Product standard DIN EN 610762-101 (M12) Installation (Cable 238 Cable identification 238 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding Swires around Core filler twisted Filler yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mic. @ 25 °C Cable weigth 81,4 g/m Material Jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (isaket) 7 mm Tolerance outer diameter (sheath) 15 % Shore hardness isaket 90 ± 5 Shore A Freedom from ingredients (jacket) FS Outer-diameter (sheath) 15 % Shore hardness wire insulation 1,85 mm Outer diameter (sheath) 16 % Shore hardn | | |
| Installation Cable Cable identification 238 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Colon gray Type of Certificate cLPus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weight 81,4 g/m Material jackt PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 7 mm Tolerance outer diameter (sheath) ± 5 % Outer diameter (sket) 7 mm Tolerance outer ollerance outer olleranco outer ollerance outer ollerance outer ollerance out | - | |
| Cable identification238Cable Type3Cable Type3Printing color of wire insulationwhile (isolation black)Jacket ColorgrayType of CertificateCURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementblack 1, black 2, black 3, green-yellow, black 4No. of bending cycles (C-track)10 Mio. $@ 25 °C$ Cable weigth81,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingerdients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1.85 mmOuter diameter insulation1.85 mmOuter diameter insulation1.95 %Shore hardness wire insulation1.95 %Shore hardness wire insulation1.95 %Shore hardness wire insulation1.95 %Shore hardness wire insulation1.95 mmOuter diameter fieler there, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulation1.95 mmOuter diameter insulation1.95 fmOuter diameter insulation1.95 fmOuter diameter insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0.15 mmConductor type (wire)< | Product standard | DIN EN 61076-2-101 (M12) |
| Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 81,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 12 ± 5 Shore D Ingredient freeness wire insulation 12 ± 5 % Shore hardness wire insulation 12 ± 5 % Shore hardnese wire insulation 12 ± 5 % Shore hardness wire insulation 10 ± 5 % Shore hardness wire insulation | Installation Cable | |
| Printing color of wire insulationwhile (isolation black)Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementblack 1, black 2, black 3, green-yellow, black 4No. of bending cycles (C-track)10 Mic. $@$ 25 °CCable weight81,4 g/mMaterial jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (sheath)± 5 %Material jackitPPAmount wires5Outer diameter insulation1,85 mmOuter diameter insulation1,9 ± 5 Shore DIngredient freeness wire insulation1,5 SmmOuter diameter insulation± 5 %Shore hardness yine insulation± 5 %Material wire insulation1,85 mmOuter diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,42Dirent freeness wire insulation42Dirent freeness wire insulation42Dirent freeness wire insulation0,75 mm²Canduct or wireStranded copper wire, bareConductor rowsStranded copper wire, bareConductor wireStranded copper wire, bareConductor wireStranded copper wire, bareConductor type (wire)strande copper wire, bare | Cable identification | 238 |
| Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 81,4 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) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 10 ± 5 Shore D Ingredient freeness wire insulation 7.5 Shore D Ingredient freeness wire insulation white (solation black) Amount wires 0.15 mm Conduct or dwire insulation white (solation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor type (wire) | Cable Type | 3 |
| Type of Certificate CURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 81,4 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) 7 mm Tolerance outri diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 1,85 mm Outer diameter insulation 1,85 mm Outer diameter solution 1,85 mm Outer diameter insulation 1,85 mm Outer diameter insulation 14 5 % Brore hardness wire insulation 14 5 % Nore hardness wire insulation 14 5 % Diameter tolerance core insulation 42 Diameter tolerance outrensulation 16 2 %C-C-free, halogen | Printing color of wire insulation | white (isolation black) |
| Amount stranding 1 Amount stranding 5 wires around Core filler twisted Filler yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 81,4 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) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter lolarance core insulation ± 5 % Shore hardness wire insulation 1,85 mm Outer diameter lolarance core insulation ± 5 % Shore hardness wire insulation 10 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor wires 0,15 mm² Conductor wire Stra | Jacket Color | gray |
| Stranding 5 wires around Core filler twisted Filler yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 81,4 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) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter tolerance core insulation 1,85 mm Outer diameter tolerance core insulation 1,85 mm Outer diameter tolerance core insulation 16,5 % Shore hardness wire insulation 16,45 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor wires Stranded copper wire, bare Conductor wire <td>Type of Certificate</td> <td>cURus</td> | Type of Certificate | cURus |
| Filler yes wire arrangement black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 81,4 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) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter tolerance core insulation 1,85 mm Outer diameter tolerance core insulation 1,85 mm Outer diameter tolerance core insulation 2 ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation kite (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor wires 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, ba | Amount stranding | 1 |
| black 1, black 2, black 3, green-yellow, black 4 No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 81,4 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) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 16a/free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation ± 5 % Shore hardness wire insulation 42 free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crossection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare | Stranding | 5 wires around Core filler twisted |
| No. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth81,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationrol ± 5 %Shore hardness wire insulation10 ± 5 Shore DIngredient freeness wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | Filler | yes |
| Cable weigth81,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance ocre insulation1,85 mmOuter diameter tolerance ocre insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DIngredient freeness wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strande copper wire, bareTorductor (C-track)10 m @ 25 °C horizontal | wire arrangement | black 1, black 2, black 3, green-yellow, black 4 |
| Material jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation± 5 %Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationrot ± 5 %Shore hardness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor rosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor wireStranded copper wire, bareTraversing distance (C-track)10 m @ 25 °C horizontal | No. of bending cycles (C-track) | 10 Mio. @ 25 °C |
| Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor rosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | Cable weigth | 81,4 g/m |
| Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | Material jacket | PUR |
| Outer-diameter (jacket)7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationkead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strande class 6Traversing distance (C-track)10 m @ 25 °C horizontal | Shore hardness jacket | 90 ± 5 Shore A |
| Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Material wire insulationPPAmount wires5Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | | |
| Amount wires5Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | | |
| Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | Material wire insulation | |
| Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | Amount wires | |
| Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | | |
| Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | Outer diameter tolerance core insulation | |
| Printing color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | Shore hardness wire insulation | |
| Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | Ingredient freeness wire insulation | |
| Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal | | |
| Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal | | |
| Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontal | | |
| Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal | | · |
| Traversing distance (C-track) 10 m @ 25 °C horizontal | Material conductor wire | |
| | Conductor type (wire) | |
| Current load capacity (standard) to DIN VDE 0298-4 | Traversing distance (C-track) | |
| | Current load capacity (standard) | to DIN VDE 0298-4 |

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: 2024-04-20

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



| Current load capacity min. wire | 8,4 A |
|---|--|
| Electrical resistance line constant wire | 26 Ω/km @ 20 °C |
| Nominal voltage power AC max. | 300 V |
| Power frequency withstand voltage power (wire - jacket) | 2,5 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 2,5 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| Flame resistance | UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 |
| 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) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| No. of torsion cycles | 2 Mio. |
| Torsion speed | 35 cycles/min |
| Torsion stress | ± 180 °/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: 2024-04-20

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at