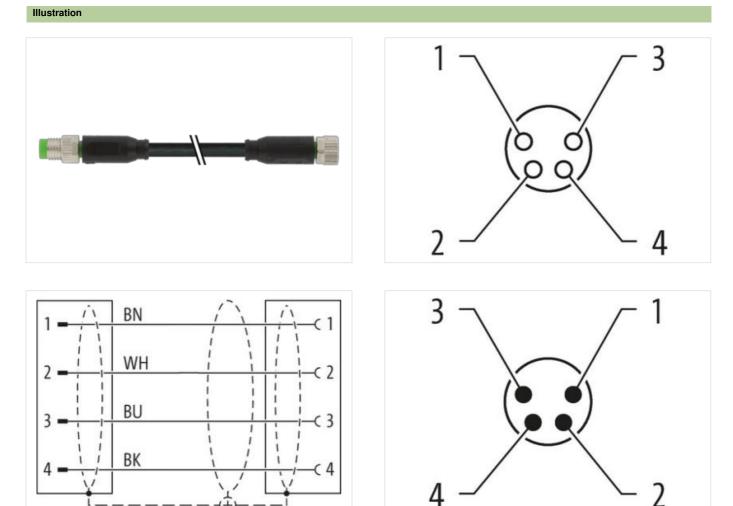


M8 male 0° / M8 female 0° A-cod. shielded

PUR 4x0.34 shielded bk UL/CSA+drag ch. 3m

Male straight – female straight M8 – M8, 4-pole 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.

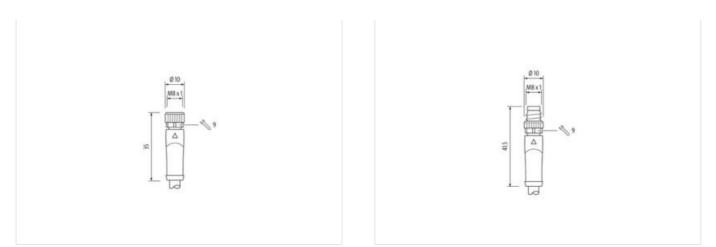
Link to Product



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: 2024-04-25

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be





Product may differ from Image



| Cable length | 3 m |
|---|---------------|
| Side 1 | |
| Tightening torque | 0,4 Nm |
| Family construction form | M8 |
| Thread | M8 x 1 |
| suitable for corrugated tube (internal Ø) | 8,5 mm |
| No. of poles | 4 |
| Width across flats | SW9 |
| Side 2 | |
| Tightening torque | 0,4 Nm |
| Family construction form | M8 |
| Thread | M8 x 1 |
| No. of poles | 4 |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-6.1 | 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 | 4048879617628 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 50 V |
| 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 |

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 bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



Device protection | Electrical

| Degree of protection (EN IEC 08629)IPE, IPE, IPE, IPE, IPE, IPE, IPE, IPE, | Device protection Electrical | |
|--|--|--|
| PAULION Degree 1 Rated surge voltage 1.5 kV Rated surge voltage 1.5 kV Mechanical data Mechanical data Control Docting not nickal plated Locking screw coaling nickal plated Material rousing rout nickal plated Material rousing PUR Locking num raterial Zon dis-casting Locking num raterial Roo dis-casting Locking num raterial acew Bras Mechanical data (Mounting data Mechanical characteristics [Climatic Constrain temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Contronty Product standard Product standard Dis N 1078-2-114 (MR) Material group (Cable Cable control Cable for type 3 Cable for ty | Degree of protection (EN IEC 60529) | IP65, IP67, IP68, IP66K |
| Patter surge voltage 1,5 kV Material group (IEC 60664-1) i Material pools (IEC 60664-1) i Material pools (IEC 60664-1) i Material pools (IEC 60664-1) inckel plated Locking sortw coaling nickel plated Material pools (IEC 60664-1) FKM Material pools (IEC 6066 FKM Experime summarial characteristics (Elimatic FKM Operating temperature max. 85 °C Adstrontic temperature range depending on cable quality Conformity FV Pools transde DIN EN 61076-2-114 (M8) Instation (Cable GAI Cable transding (pools (Carl Cable Back Type of Carl Transde GPUs Anount stransding 9 °S Barding (pools (Core Cable | Additional condition protection degree | inserted, screwed |
| Material group (IEC 80684-1) 1 Mechanical data (Material data Caching Locking and nickel plated Material group nickel plated Material group PUR Material group PUR Locking num in material Znc dis-casting Locking num in reav Prase Mechanical data (Mounting data Mounting nethod Environmental characteristics (Climate Common temperature nin. Operating temperature nin. -25 °C Conternity Product added DIN EN 61076-2-114 (M8) Installation (Cable dentification Installation (Cable dentification 641 Cable dentification 641 Cabl | Pollution Degree | 3 |
| Mechanical data Material dataCasing jocking nutnickel platedCasing jocking nutnickel platedMaterial posingPKMMaterial posingZm die casingLocking mut materialZm die casingLocking mut material screwBrassMechanical data Mounting dataInserted, screwed, Shaking protectionEnvironmental characteristics ClimateEnvironmental characteristics ClimateConformityFolduct stardDist N to 1076 2: 114 (M8)Instatics ClimateInstatics ClimateInstatics ClimateCable identificationGale identificationGale identificationInstatics ClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimate <td></td> <td>1,5 kV</td> | | 1,5 kV |
| Cacking locking nutnickle jatkedLocking soew coatingnickle jatkedMaterial gaskeFKMMaterial paskingPURLocking nut materialZinc die ceatingLocking nut materialZinc die ceatingLocking material soewBrassMurting mefhodInserted. soewed. Shaking protectionPersonand Loharoetteristies [ClimaticOperating temperature min.25 °COperating temperature max.88 °CAddinonal condition temperature rangeBeendering on cable qualityContomityProtosDin EN 1076-2-114 (M8)Data informaticBes CCatolic dinfication641Cable identification641Cable identification641Cable identification10Standing1 verses waterialType Of Cartification0.000 versionType Of Cartification0.000 versionCable identification641Cable identification641Cable identification0.000 versionType Of Cartification0.000 versionType Of Cartification0.000 versionCable identification0.000 versi | Material group (IEC 60664-1) | I |
| Locking score coaling nicket plated Material pasket FMA Material pasket Brass Machinical data [Mounting data] Inserted, screwed, Shaking protection Environmental characteristics [Climatic Operating temperature max. Operating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature range deperding on cable quality Conformity Product standsd Din Ex 100°C2 Din Ex 10°C2-2114 (M8) Installation 1 Gabie Cable Type Cable Type 3 Jacket Color black Type of Certificate cURus Anount straining 1 Stranding 4 wives twisted Cable shielding (coverage) 80 % Banding Fleece, Foll Write arrangemont Brook, Rus, white No. of banding views (coverage) 80 % Si & gim | Mechanical data Material data | |
| Material position FVM Material housing PUR Locking multimaterial Zino Gia-cataing Locking material screw Brass Mechanical data Mounting data Mounting matherial screw Mounting matherial screw Brass Mechanical data Mounting data Mounting matherial screw Munting matherial screw Brass Mechanical data Mounting data Mounting matherial screw Operating temperature max. 26 °C Additional condition temperature range depending on cable quality Conternity Product standard Product standard DN EN 61076-2-114 (M8) Installation Gable Cable information Cable information 641 Cable Type 3 Jacket Color black Type of Cartificate QURus Amount stranding 1 Stranding 4 wires twisted Cable indiving (rycevage) 80 % Banding Fleece, Foil wire arrangement Elsex, Foil withe Nor bending cycles (C-track) < | Coating locking nut | nickel plated |
| Material housing PUR Locking nutrinaterial Zinc die-casting Locking material screw Brass Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature main. 25 °C Operating temperature main. 85 °C Additional condition temperature main. 85 °C Additional condition temperature main. 85 °C Additional condition temperature main. 85 °C Conformity Product standard DIN EN 61076-2-114 (M8) Inserted and Conformity Product standard DIN EN 61076-2-114 (M8) Inserted and Conformity Inserted and Conformity Product standard DIN EN 61076-2-114 (M8) Inserted and Conformity Inserted and Conformity Product standard DIN EN 61076-2-114 (M8) Inserted and Conformity Inserted and Conformity Product standard DIN EN 61076-2-114 (M8) Inserted and Conformity Inserted and Conformity Dask Cloar Dask Din King Conformity Inserted and Conformity Inserted and Conformity Standard Standard DIN EN 61076-2-114 (M8) Inserted and Conformity | Locking screw coating | nickel plated |
| Locking nut material Zinc die-casting Locking material screw Brass Mechanical data Mouning data Mouning method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Operating temperature min. -25 °C Additional condition temperature mar. 45 °C Catole standard Dike N6 1076-2-114 (M8) Exablation Cable Exablation Cable Cable Standard Dike N6 1076-2-114 (M8) Exablation Cable Exablation Cable Cable Standard Dike N1076-2-114 (M8) Exablation Cable Exablation Cable Cable Standard Dike N1076-2-114 (M8) Exablation Cable Exablation Cable Cable Standard Operating temperature mark Standard CuPrus Standard Uprus Standard Operus train din m | Material gasket | FKM |
| Locking material screw Brass Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 65 °C Operating temperature max. 65 °C Additional condition temperature max. 65 °C Operating temperature max. 65 °C Contormity Contormity Product standard DIN EN 61076-2-114 (M8) Inserted screwed, Shaking protection Installation Cable Cable chantification 641 Cable chantification Gate Cable chantification 641 Cable chantification Gate Cable chantification Gate Yape of Certificate CURus Anount stranding 1 Stranding Gate shelding (coverage) 80 % Beaning Piece, Foil Wrise breach Gate Gate shelding (coverage) 80 % Beaning Fleece, Foil Wrise breach Fleece, Foil Gate shelding (coverage) 80 % Stranding Gate shelding (coverage) 80 % 5 Shore A Freedom from ingredients (gate) <td>Material housing</td> <td>PUR</td> | Material housing | PUR |
| Mechanical data Mounting data Mounting method insarted, screwed, Shaking protection Environmental characteristics [Climatic 28 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Contormity Contomity Product standard Dit No f1076-2114 (M8) Installation Cable 23 Cable fortigita 641 Cable of Type 3 Cable of Colimate UPus Amount stranding 1 Stranding 4 wires twisted Cable straiding (type) copper braid, Inned Cable straiding (cyles) S0 % Banding Fleece, Foil wire arrangement brown, black, blue, white No of bending cycles (C-track) S0, 6 g/m Material Jacket PUR Strand of Material Cable of S0, 6 g/m Cable on S0, 6 g/m Material Jacket PUR | Locking nut material | Zinc die-casting |
| Mounting method inserted, screwed, Shaking protoction Environmental characteristics / Climatic 25 °C Operating temperature max. 85 °C Additional condition temperature may. depending on cable quality Conformity Product standard Product standard DIN EN 61076-2.114 (M8) Installation / Cable Cable distribution Cable distribution 641 Cable Type 3 Jacket Color biack Type of Confication 641 Cable Standarding 4 vires twisted Additional (coverage) 80 % Stranding 4 vires twisted Cable shielding (toverage) 80 % Banding Fleece, Foil wire arrangement brow, black, blue, white No. of bending cycles (C-track) 5 Mo. @ 25 °C Cable weight 50.6 g/m Material jackt PUR Shore hardness jackt 90 ± 5 Shore A Freedom from ingredients (gackt) Ied Free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (sheath) ± 5 % | Locking material screw | Brass |
| Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature may depending on cable quality Contomity Environmental condition temperature may Product standard DIN EN 61076-2-114 (MS) Installional Condition temperature may 641 Cable identification 641 Cable identification 641 Cable Color black Type of Cortificate 0URus Amount standing 1 Stranding 4 wires twisted Cable shielding (type) copper braid, finned Cable shielding (type) copper braid, finned Cable shielding (type) 60 % Banding Fleece. Foil wire arrangement brow, black. ble, white No. of bending oycles (C-track) 5 Mo. @ 25 °C Cable weight 50.6 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (glocket) lead-free. cadmium-free, CFC-free, halogen-free, silicone-free <td>Mechanical data Mounting data</td> <td></td> | Mechanical data Mounting data | |
| Operating temperature min.:25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityDIN EN 61076-2-114 (M8)Installation CableDIN EN 61076-2-114 (M8)Installation CableCable (dentificationCable (dentification641Cable Type3Jacket ColorblackType of CertificatecUFusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of berding cycles (C+track)5 Mic. Q 25 °CCable weigh50.6 g fmMaterial jacketPURShore A Free camburget (gacket)5.3 mmTolerance outer diameter (gacket)1.25 mmOuter diameter (gacket)5 %Material wire insulation79 ± 5 Shore DIngerdient fleeness wire insulation79 ± 5 Shore DCuter diameter (gacket)1.25 mmOuter diameter (gacket)1.25 mmOuter diameter (gacket)70 ± 5 Shore DIngerdient fleeness wire insulation70 ± 5 Shore DIngerdient freeness wire insulation70 ± 5 Shore D< | Mounting method | inserted, screwed, Shaking protection |
| Operating temperature min.:25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityDIN EN 61076-2-114 (M8)Installation CableDIN EN 61076-2-114 (M8)Installation CableCable (dentificationCable (dentification641Cable Type3Jacket ColorblackType of CertificatecUFusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of berding cycles (C+track)5 Mic. Q 25 °CCable weigh50.6 g fmMaterial jacketPURShore A Free camburget (gacket)5.3 mmTolerance outer diameter (gacket)1.25 mmOuter diameter (gacket)5 %Material wire insulation79 ± 5 Shore DIngerdient fleeness wire insulation79 ± 5 Shore DCuter diameter (gacket)1.25 mmOuter diameter (gacket)1.25 mmOuter diameter (gacket)70 ± 5 Shore DIngerdient fleeness wire insulation70 ± 5 Shore DIngerdient freeness wire insulation70 ± 5 Shore D< | Environmental characteristics Climatic | |
| Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conomity INE N61076-2-114 (M8) Installation Cable Cable identification Cable identification 641 Cable solution 93 Jacket Coor black Type of Cartificate cURus Amount stranding 1 Stranding 4 wires twisted Cable shielding (type) cooper braid, timed Cable shielding (cyperage) 80 % Banding Fleece, Foil wire arrangement brown, black, blue, white No. of bending cycles (C-track) 50.6 g/m Material jacket PUR Shore hardmess jacket 90 ± 5 Shore A Freedom from ingredients (jacket) </td <td>· ·</td> <td>-25 °C</td> | · · | -25 °C |
| Additional condition temperature range depending on cable quality Conformity INI EN 61076-2-114 (M8) Installation Cable DIN EN 61076-2-114 (M8) Cable identification 641 Amount stranding 1 Stranding 4 wires twisted Cable shielding (coverage) 80 % Banding Fleece, Foil wire arrangement Drown, black, blue, white No. of bending cycles (C-track) 5 Mic @ 25 °C Cable weigh 50.6 g/m Material weir ingredients (acket) PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (acket) 5.3 mm Caler-diameter (acket) 5.3 mm Outer diameter (sheath) 1.5 % < | | |
| Conformity Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable (dentification Cable (dentification) 641 Cable Type 3 Jacket Color black Type of Certificate culRus Amount stranding 1 Stranding 4 wires twisted Cable shielding (type) copper braid, finned Cable shielding (coverage) 80 % Banding Fleece, Foil wire arrangement brown, black, blue, white No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable weigth 50.6 g/m Material jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Outer diameter (jacket) 5.3 mm Toleranee outer diameter (jacket) 5.3 mm Outer diameter (jacket) 1.25 mm Cuter diameter (jacket) 5.5 % Shore hardness wire insulation 1.5 % Material wire insulation 1.25 mm | | |
| Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification 641 Cable identification 641 Cable identification 641 Cable identification black Type of Certificate cURus Amount Stranding 1 Stranding 4 wires twisted Cable shielding (type) copper braid, finned Cable shielding (type) 50.6 g/m No. of bending cycles (C-track) 5 Mo. @ 25 °C Cable shielding cycles (C-track) 5 Mo. @ 25 °C <td></td> <td></td> | | |
| Installation Cable Cable Identification 641 Cable Identification 641 Cable Identification black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Banding Fleece, Foil wire arrangement brown, black, blue, white No. of bending cycles (C-track) 5 Mo. @ 25 °C Cable weigh 50.6 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jackel) lead-free, cadmium-free, CFC-free, halogen-free Outer diameter (jacket) 5.3 mm Tolerance outer diameter (sheath) ± 5 % Matorial wire insulation PP Amount strander 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 Shore D Ingredient freeness wire insulation 1.25 Shore D Ingredint freeness wire insulation 1.42 | | |
| Cable identification641Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50.6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (sheath)± 5 %Material jacketPPAmount wires4Outer diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient troeness wire insulation1.5 Shore DIngredient troeness wire insulation± 5 %Shore hardness wire insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1.25 Shore DIngredient freeness wire insulation1.25 Shore DIngredient freeness wire insulation1.5 Shor | Product standard | DIN EN 61076-2-114 (M8) |
| Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50.6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (jacket)5.3 mmTolerance outer diameter (sheath)± 5 %Material jacketPPAmount wires4Outer diameter tolerance core insulation1.25 mmOuter diameter tolerance core insulation70 ± 5 Shore DIngredient trolerance core insulation1.5 SmShore hardness wire insulation70 ± 5 Shore DIngredient trolerance core insulation1.42 mm²Amount wires4Outer diameter tolerance core insulation1.45 mmCulcut diameter tolerance core insulation1.5 Shore DIngredient threeness wire insulation1.9 ± 5 Shore DIngredient threeness wire insulation1.4 ± Shore DIngredient threeness wire insulation1.4 ± Shore DIngredient threeness wire insulation1.5 thrmeCanduct type (wire)0.41 mm²Material conductor wireStranded copper wire, bareConductor type | Installation Cable | |
| Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires wisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Banding Fleece, Foil wire arrangement brown, black, blue, white No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable weigh 50.6 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) 5,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter in | Cable identification | 641 |
| Type of CertificatecURusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (lacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material jackPPAmount wires4Outer diameter insulationPPAmount wires4Outer diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.24 Shore DIngredient freeness wire insulation1.25 Shore DIngredient freeness wire insulati | Cable Type | 3 |
| Amount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (type)80 %BandingFleece, Follwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50.6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)1 kashIderater (acket)5.3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter loarence core insulation1,25 mmOuter diameter loarence core insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DIngredient freeness wire insulation1 42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | Jacket Color | black |
| Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ $25 ^{\circ}$ CCable weigth50, 6 g/mMaterial jacketPURShore hardness jacket90 \pm 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter clameter (jacket)5,3 mmTolerance outer dlameter (sheath) \pm 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation $70 \pm$ 5 Shore DIngredient freeness wire insulation $70 \pm$ 5 Shore DIngredient freeness wire insulation 42 Diameter of single wires0,1 mmConductor consessection (wire)0,34 mm ² Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | Type of Certificate | cURus |
| Cable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50.6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient streams1,1 mmConductor consested (wire)0,34 mm²Material conductor wire5,34 mm²Tolerance outer diameter (sheath)± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation1,25 mmOuter diameter folerance core insulation1,24 mm²Material conductor wire0,1 mmConductor consesection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | Amount stranding | 1 |
| Cable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mic. @ 25 °CCable weigth50.6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationFor ± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor vireStranded copper wire, bareConductor vire | Stranding | 4 wires twisted |
| Banding Fleece, Foil wire arrangement brown, black, blue, white No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable weigth 50,6 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) 5,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation 1,25 mm 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 12 5 Shore D Ingredient freeness wire insulation 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal | Cable shielding (type) | copper braid, tinned |
| wire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Ingredient freeness wire insulation± 5 %Duter diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Duter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation10 ± 5 Shore DIngredient freeness wire insulation142Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | Cable shielding (coverage) | 80 % |
| No. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 0 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | Banding | Fleece, Foil |
| Cable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor orosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | wire arrangement | |
| 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) 5,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal | No. of bending cycles (C-track) | 5 Mio. @ 25 °C |
| Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance ore insulation1,25 mmOuter diameter tolerance ore insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crossection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strande copper wire, bareTraversing distance (C-track)5 m @ 25 °C horizontal | Cable weigth | 50,6 g/m |
| Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | | |
| Outer-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | | |
| Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | | |
| Amount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | | |
| Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | | |
| Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | | |
| Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | | |
| Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | | |
| Amount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | | |
| Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal | | |
| Conductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | | |
| Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal | | |
| Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal | | |
| Traversing distance (C-track) 5 m @ 25 °C horizontal | | |
| | | |
| Current load capacity (standard) to DIN VDE 0298-4 | | |
| | Current load capacity (standard) | |

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 bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



| Current load capacity min. wire | 4,8 A |
|---|--|
| Electrical resistance line constant wire | 57 Ω/km @ 20 °C |
| Nominal voltage power AC max. | 300 V |
| AC withstand voltage power (wire - shield) | 2 kV @ 60 s |
| Power frequency withstand voltage power (wire - jacket) | 2 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 2 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 |
| UV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| 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 | ± 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: 2024-04-25 Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be