

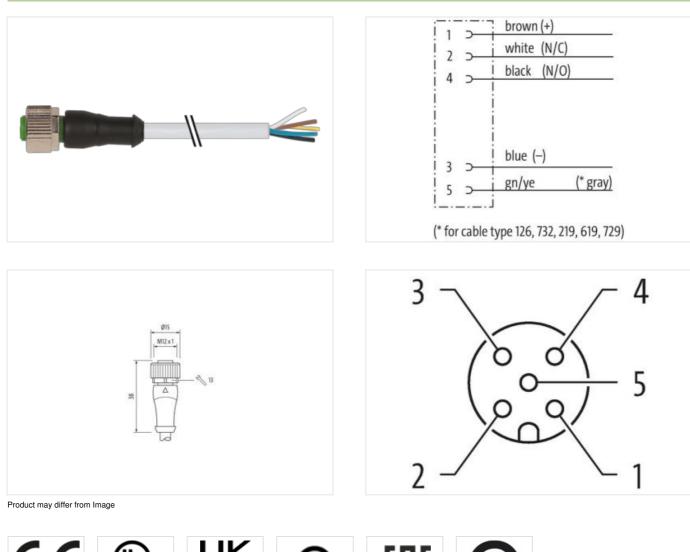
M12 female 0° A-cod. with cable

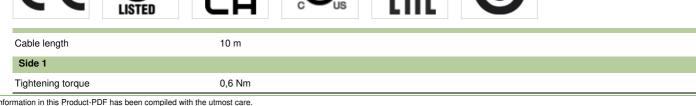
PVC 5x0.34 gy UL/CSA 10m

Female straight M12, 5-pole A-coded Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request 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







GP

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: 2024-04-26

US

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| Coating contact | gold plated |
|---|---------------------------------------|
| Family construction form | M12 |
| Thread | M12 x 1 |
| suitable for corrugated tube (internal Ø) | 10 mm |
| Coding | A |
| Material contact | Copper alloy |
| Material | PUR |
| No. of poles | 5 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| Side 2 | |
| Stripping length (jacket) | 20 mm |
| Coating contact | gold plated |
| 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 | 4048879629638 |
| 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 |
| Current operating per contact max. | 4 A |
| Diagnostics | |
| Status indication LED | no |
| | |
| Installation Connection | |
| Stripping length (jacket) | 20 mm |
| Mounting set | M12 x 1 |
| Device protection Electrical | |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Coating of fitting | nickel plated |
| Material gasket | FKM |
| Locking material | Zinc die-casting |
| Material screw connection | Zinc die-casting |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed, Shaking protection |
| - | |
| Environmental characteristics Climatic | 2 |

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



| Additional condition temperature range depending on cable quality Conternity Product standad Devoluct standad DIN EN 81076-2-101 (M12) Installation I Cable Installation I Cable Cable Type 1 Jacket Color gray Additional Conflicate CHUae Amount stranding 1 Stranding 5 wires around Core lifter twisted Filer yss Wire arrangement brown, black, blue, white, gray Cable value Add 4 (in Material jackst PVC Shore hardness jackst B5 15 Shore A Foreord morn ingredient (glockit) 5.2 mm Outer diameter (jacker) 5.2 mm Outer diameter insulation PVC Arnout twise 5 Outer diameter insulation 1.5 % mm Material wire insulation 4.5 ± Shore D Material wire insulation 4.5 ± Shore D Material wore insulation 4.5 ± Shore D Material wore insulation 4.5 ± Shore D Materi dorniciter wire insulation 4.5 ± Sh | Operating temperature min. | -25 °C |
|--|--|--|
| Contomity Product standard DIN EN 1076-2-101 (M12) Installation (Cable Cable identification 219 Cable identification 219 Cable identification 219 Cable identification 01Pus Cable identification 219 Type of Certificate 01Pus Cable identification 219 Stranding 1 Stranding 1 Stranding 5 vices around Core lifler twisted 200 Filer vise arrangement Edite weight 48,4 g/m Material jacket PVC Stranding Stranding 200 Forebardmenter igkacht) 18,5 % Stranding 201 <t< td=""><td>Operating temperature max.</td><td>85 °C</td></t<> | Operating temperature max. | 85 °C |
| Product standard DIN EN 61076 2-101 (M12) Installation (Cable Cable identification 219 Cable identification 219 Cable Color gray Open of Certificate ol/Fund gray Cable Color gray Type of Certificate ol/Fund Sintanding 1 Stranding 5 wires around Core filler twisted Sintanding Sintanding Sintanding Filer yes Sintanding Sintanding <ths< td=""><td>Additional condition temperature range</td><td>depending on cable quality</td></ths<> | Additional condition temperature range | depending on cable quality |
| Installation (Cable Cable infeatinication 219 Cable Type 1 Cable Type 1 Cable Type 1 Stander Colon gray Type of Carificate UPus Anount stranding 1 Stranding 5 wires around Core filler twisted Filler ye6 wire arrangernot trow, black, bloo, white, gray Cable woigh 48.4 g/m Miterial jacket 85 ± 5 Shore A Freedom Trom ingredients (jacket) lead-free, cadmum/ree, CPC-free, silcone-free Outer diameting (jacket) 25 m Carie woigh 25 % Material woir insulation PVC Anount wries 5 Outer diameting (jacket) 25 % Material wrie insulation 125 mm Outer diameting insulation 125 mm Outer diameting insulation 125 mm Outer diameting insulation 180 ord material wrie insulation Nore diameter insulation 180 mm Outer diameting insulation 180 sin < | Conformity | |
| Cable identification 219 Cable Type 1 Cable Type 1 Stacket Calor Gray Type of Cartificate cUFus Amount stranding 1 Standing Swies around Core filler twisted Filler yes wire arrangement brown, black, blue, white, gray Cable weigh 48, dym Matorial jacket 86 ± 5 Shore A Freedom from ingredients (jacket) 52, Shore A Tereadom tere (incket) 5, 2 kmm Cable aveigh 48, ± 5 Shore A Cable aveigh insulation PVC Amount wires 5 Cuber diameter (incket) 5, 2 km Outer diameter insulation PVC Amount wires 5 Outer diameter insulation 125 Km Outer diameter insulation 125 Km Outer diameter insulation 19 Diameter of single wires 0,16 mm Conductor rosseation (mix) 57 D/Km @ 20 °C Current Load capacity mix, wire 45.4 S | Product standard | DIN EN 61076-2-101 (M12) |
| Cable identification 219 Cable Type 1 Cable Type 1 Stacket Calor Gray Type of Cartificate cUFus Amount stranding 1 Standing Swies around Core filler twisted Filler yes wire arrangement brown, black, blue, white, gray Cable weigh 48, dym Matorial jacket 86 ± 5 Shore A Freedom from ingredients (jacket) 52, Shore A Tereadom tere (incket) 5, 2 kmm Cable aveigh 48, ± 5 Shore A Cable aveigh insulation PVC Amount wires 5 Cuber diameter (incket) 5, 2 km Outer diameter insulation PVC Amount wires 5 Outer diameter insulation 125 Km Outer diameter insulation 125 Km Outer diameter insulation 19 Diameter of single wires 0,16 mm Conductor rosseation (mix) 57 D/Km @ 20 °C Current Load capacity mix, wire 45.4 S | Installation Cable | |
| Cable Type 1 Jackit Color gray Jackit Color gray Jackit Color gray Jackit Color gray Type of Carfficate URus Anount stranding 1 Stranding 5 wires around Core filler twisted Filler Yes Cable weigh 48.4 g/m Matarial jacket PVC Shore hardness jacket 85.5 Shore A Freedom Trom ingredents (jacket) 5.2 mm Toferance outer diameter (lekett) 5.2 mm Toferance outer diameter (lekett) 5.5 mm Outer diameter insulation PVC Anount wise 5 Outer diameter insulation 1.25 mm Outer diameter insulation 1.26 mm Diameter of single wires statestonthyme 1.25 mm <tr< td=""><td></td><td>210</td></tr<> | | 210 |
| Jacket Color gray Type of Certification cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, gray Cable weigh 48,4 g/m Material jacket PVC Shore hardmess jackel B5 ± 5 Shore A Shore hardmess jackel B5 ± 5 Shore A Shore hardmess jacket FVC Shore hardmess jacket B5 ± 5 Shore A Shore hardmess jacket B6 ± 5 Shore A Tolerance outler dameter (sheath) 1 5 % Material wire insulation PVC Amount wires 5 Outer diameter (insulation 1,25 mm Outer diameter insulation 4 5 ± 5 Shore D Material proparties wire insulation good machinability Impredient freeness wire insulation good machinability Impredient freeness wire insulation 19 ± 5 Shore D Material arroparties wire insulation 19 ± 5 Shore CF-free, silicone-free Anount strands (wire) 19 <td< td=""><td></td><td></td></td<> | | |
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| Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, gray Cable weigth 48,4 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5.2 mm Tolerance outer diameter (sheath) 5 % Material wire insulation PVC Amount wires 5 Outer diameter (locket) 1.5 % Shore hardness wire insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation god machinability Ingredient freeness wire insulation feed-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0.15 mm Conductor crossection (wire) 0.34 mm² Conductor wire Stranded copper wire, bare Conductor vise (wire) 10 NIV DE 0298 - 4 Current load capacity rim, wire< | | |
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| vire arrangement brown, black, blue, while, gray Cable weight 48,4 g/m Cable weight 48,4 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-tree, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) 5,2 mm Tolerance outer diameter (sheath) 5 % Material wire insulation PVC Amount wires 5 Outer diameter of insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter service insulation god machinability Ingredient freeness wire insulation god machinability Onductor crossection (wire) Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Current load capacity mits. wire | | |
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| Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (gacket) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter core insulation 1.25 mm Outer diameter core insulation ± 5 % Shore hardness wire insulation 5 Outer diameter lolerance core insulation ± 5 % Shore hardness wire insulation 65 ± 5 Shore D Material properties wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor russescetion (wire) 0.34 mm² Conductor russescetion (wire) Strand class 5 Current load capacity min. wire 4.5 A Electrical resistance line constant wire 57 2 /km @ 20 °C Nominal voltage power AC max. 300 V Power factureny withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (fixed) 30 °C Opperating temperature (fixe | | |
| Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5,2 mm Tolerance outer diameter (sheath) 1 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,25 mm Outer diameter insulation 4 5 % Shore hardness wire insulation 4 5 ± 5 Shore D Material properties wire insulation 4 5 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor or sossection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Control cor cossection (wire) 0,34 mm² Material resistance line constant wire 57 Q/km @ 20 °C Control cod capacity (standard) to DIN VDE 0298-4 Current load capacity min, wire 4,5 A < | | - |
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| Outer-diameter (jacket) 5.2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0.15 mm Conductor crossection (wire) 0.34 mm² Material conductor wire Strande closep strande close | | |
| Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount Wires 5 Outer diameter insulation 1.25 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation god machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor rossesction (wire) 0.34 nm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity withstand voltage power 2 kV @ 60 s Minia voltage power (wire -wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C </td <td></td> <td></td> | | |
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| Amount wires 5 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 hore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead/ree, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor rows Stranded copper wire, bare Conductor wire Strande copper wire, bare Conductor type (wire) Strande copser 4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 5 20km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2 kV @ 60 s Min. operating temperature (static) -30 °C Age-variating temperature (katic) -30 °C Operating temperature (katic) -5 °C <t< td=""><td></td><td></td></t<> | | |
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| Material properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire57 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sMat. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature min. (dynamic)5 °COperating temperature min. (dynamic)5 °COperating temperature max. (dynamic)80 °COperating temperature max. (dynamic)80 °COperating temperature max. (dynamic)5 °CIman eresistanceElec 6032-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testing< | | |
| Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (fixed) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1009 UL 1581 § 1100 FT2 Ieaneresistance IEC 60332-2-2 UL 1581 § 1009 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, applicati | Shore hardness wire insulation | 45 ± 5 Shore D |
| Amount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire57 Q/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sMar. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (ixed)80 °CCording temperature min. (dynamic)-5 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceElec 60332-2-2 UL 1581 § 1000 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDix Application-related testingOil resistanceDix Application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter | Material properties wire insulation | |
| Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire57 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sKir e - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature min. (dynamic)80 °CFlame resistanceElec 60332-2-2 UL 1581 § 100 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter | | |
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| Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire57 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter | Diameter of single wires | 0,15 mm |
| Conductor type (wire)Strand class 5Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire57 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter | Conductor crosssection (wire) | 0,34 mm ² |
| Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire57 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 × Outer diameter | Material conductor wire | Stranded copper wire, bare |
| Current load capacity min. wire4,5 AElectrical resistance line constant wire57 Q/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMax. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter | Conductor type (wire) | Strand class 5 |
| Electrical resistance line constant wire57 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter | Current load capacity (standard) | to DIN VDE 0298-4 |
| Nominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter | Current load capacity min. wire | 4,5 A |
| Power frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter | Electrical resistance line constant wire | 57 Ω/km @ 20 °C |
| (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter | Nominal voltage power AC max. | 300 V |
| Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C 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 | Power frequency withstand voltage power (wire - jacket) | 2 kV @ 60 s |
| Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C 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 | AC withstand voltage power (wire - wire) | 2 kV @ 60 s |
| Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C 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 | Min. operating temperature (static) | -30 °C |
| Operating temperature max. (dynamic) 80 °C 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 | Max. operating temperature (fixed) | 80 °C |
| 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 | Operating temperature min. (dynamic) | -5 °C |
| 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 | Operating temperature max. (dynamic) | 80 °C |
| Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Flame resistance | IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 |
| Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | chemical resistance | Good, application-related testing |
| Bending radius (fixed) 5 x Outer diameter | Gasoline resistance | Good, application-related testing |
| Bending radius (fixed) 5 x Outer diameter | Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (dynamic) 10 x Outer diameter | Bending radius (fixed) | 5 x Outer diameter |
| | Bending radius (dynamic) | 10 x Outer diameter |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26

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