

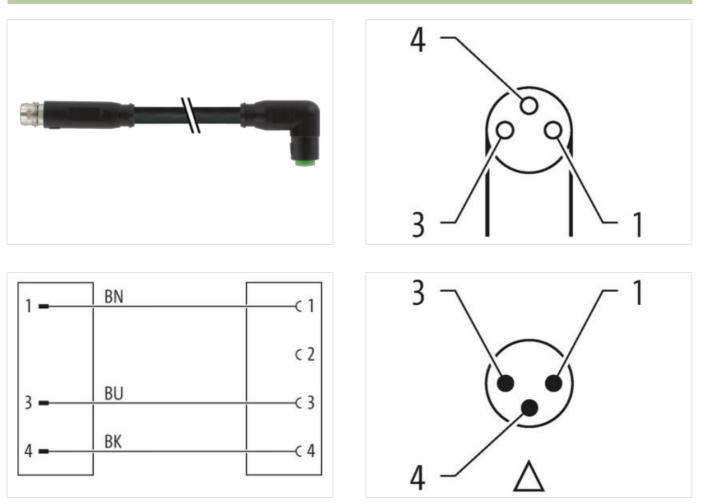
M8 male 0° / M8 female 90° A-cod. snap-in

PUR 3x0.25 bk UL/CSA+robot+drag ch. 1m

Male straight – female 90° M8 (Snap In) – M8 (Snap In), 3-pole Further cable lengths 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.

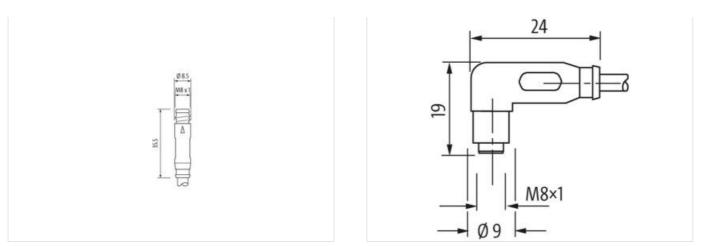
Link to Product

Illustration



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Product may differ from Image



| Cable length | 1 m |
|--|----------------------------|
| Side 1 | |
| Thread | M8 |
| suitable for corrugated tube (internal $Ø$) | 6,5 mm |
| 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 |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) | IP65 |
| Additional condition protection degree | inserted, locked |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | I |
| Mechanical data Material data | |
| Material housing | PUR |
| Mechanical data Mounting data | |
| Looking techniques | Snap In |
| Environmental characteristics Climatic | • |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| Conformity | |
| Product standard | DIN EN 61076-2-114 (M8) |
| Installation Cable | |
| Cable identification | 650 |
| Cable Type | 5 |
| Jacket Color | black |

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: 2024-04-24

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Type of Certificate

cURus

| Anount stranding 1 Stranding Swites builded Wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Moo. @ 25 °C Cable weigh 24.4 g/m Material jackal PUR Shore hardmess jacket 94.5 3 Shore D Freedom from ingredients (jacket) 4.3 mm Tolarnaco usind familiar (shall) 4.5 % Material providents (jacket) 4.3 mm Tolarnaco usind familiar (shall) 4.5 % Material wire insulation 1.25 mm Outer diameter insulation 1.45 mm Shore hardmess wire insulation 74.1 3 Shore D Ingredient (reamous wire insulation 74.5 3 Shore D Ingredient (reamous wire insulation 2.5 fm Conduct crosssection (wire) 0.25 mm ² Dameter of aingle wires 0.1 mm Conductor rosssection (wire) 0.25 mm ² Conductor wire Sm @ 25 °C (horzonal) Contractor wire discapacity (smaduri) to DN VE Ecs8.4 Contractor wire discapacity (smaduri) bo NV VE Ecs8.4 Contractor wire (ses.4) | | |
|---|--|--|
| wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mic. @ 25 °C Cable weigh 82,4 g/m Material jacket PUR Store hardness jacket 58 ± 3 shore D Freedom from ingredients (jacket) 4.3 mm Tolerance cuter diameter (jacket) 4.3 mm Tolerance cuter diameter (shorth) 4.5 %. Material installion 1.25 mm Outer diameter installion 1.25 mm Darber diameter installion 1.84 free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Dameter diaming wires 0.1 mm Conductor rosseaction (wire) 0.25 mm ² Conductor lype (wire) strand class 6 Traversing dialance (C-track) 5 m @ 25 °C Intrizontal Current load capacity (mm. wire) 4.5 K.W @ 60 s Morinal waltage power AC max. 300 V Power frogune | Amount stranding | 1 |
| No. of banding cycles (C- track) 10 Mio. @ 25 °C Cable weight 28,4 gim Matrial jackat PUR Shore hardness jacket 56 ± 3 Shore D Freedom from ingredients (jacket) 4.3 mm Outer-diameter (jacket) 4.3 mm Toferance outer diamoter (holath) 1.5 % Atterial wire insulation 1.25 mm Outer diameter insulation 1.45 % Shore hardness wire insulation 1.45 % Shore hardness wire insulation 1.45 % Canduct corressection (wire) 32 Diameter of aingle wires 0.1 mm Conductor ressection (wire) 0.25 mm ² Material conductor wire diame (C-track), allogen-free, silicone-free 3 Conductor ressection (wire) 0.25 mm ² Material diame (C-track) 5 m @ 25 °C hoitzontal Current Load capacity (kiandard) to DIN VDE 0289-4 Current Load capacity (kiandard) to Ø 0.25 °C hoitzontal C | Stranding | 3 wires twisted |
| Cable weight 26.4 g/m Material acket PUR Shree hardness jackel 58.3 Shree D Freedom from ingredents (jackel) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jackel) 4.3 mm Tolerance outer diameter (shealth) ± 5 % Material wei insulation PP Amount wires 3 Outer diameter insulation ± 5 % Since hardness wire insulation + 5 % Material weire wire insulation + 5 % Diameter of single wires 0,1 mm Conductor crossection (wire) 0,25 mm² Diameter of single wires 0,1 mm Conductor vires Strand dass 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Control tor capasely (standard) to DN VDE 0284 4 Current bact capasely (standard) to DN VDE 0284 4 Current bact capasely (standard) to DN VDE 0284 4 Current bact capas | wire arrangement | brown, black, blue |
| Material jacket PUR Shore hardness jacket 58 4 3 Shore D Freedom form ingredients (jacket) 1844/res. cadmium-free, CFC-free, halogen-free, allicone-free Outer-diameter (jacket) 4 3 mm Tolerance outer diameter (jacket) 4 5 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation 1 5 % Shore hardness wire insulation 74 1 3 Shore D Ingredient freeness wire insulation 74 1 3 Shore D Ingredient freeness wire insulation 1 25 mm Outer diameter tolerance core insulation 1 25 mm Conduct crosssess wire insulation 74 1 3 Shore D Ingredient freeness wire insulation 1 25 mm Conductor crosssess wire insulation 1 25 mm ² Dameter of single wires 0.1 mm Conductor crosssesstom (wire) 32 Shore Instructure, bate Conductor type (wire) stand class 6 Carrent load capacity (standard) to DIN VDE 0298.4 Current load capacity (standard) to DIN VDE 0298.4 Current load capacity (wire wire) 2.5 kV @ 60 s | No. of bending cycles (C-track) | 10 Mio. @ 25 °C |
| Shore hardness jacket S8 ± 3 Shore D Freedemt from ingredients (gacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (glockel) ± 5 % Material wire insulation PP Anount wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 1.43 Shore D Torestome core insulation 1.43 Shore D Torestome transmission 1.43 Shore D Ingredient feores wire insulation 1.93 free Conduct frye wire insulation 1.93 free Conduct frye wire insulation 1.93 free Conduct frye (wire) 32 Conduct frye (wire) Strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (strandard) to IN VDE 228-4 Current load capacity (strandard) to IN VDE 228-4 Current load capacity (strandard) 50 V Power frequery withstand voltage power | Cable weigth | 26,4 g/m |
| Freedom from Ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.3 mm Outer diameter (jacket) 5 % Material wive insulation PP Amount wives 3 Outer diameter insulation 1.55 mm Outer diameter insulation 1.55 mm Outer diameter insulation 1.57 m Outer diameter situation 1.62 mm Diameter of insulation 1.63 mm Outer diameter situation 1.63 mm Outer diameter situation 1.63 mm Conductor yor situation 1.63 mm Conductor yor situation 0.25 mm² Conductor yor situation 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Curent load capacity (standard) to DIN VDE | Material jacket | PUR |
| Outer-diameter (jacket) 4.3 mm Tolerance outer diameter (jacket) ± 5 % Material win insulation PP Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Ingredient freeness wire insulation 1.45 % Mount strands (wire) 32 Dameter of single wires 0.1 mm Conductor vossection (wire) 0.25 mm ² Material conductor vives Stranded copper wire, bare Conductor vive Stranded copper wire, bare Conductor vive (wire) Stranded copper wire, bare Conductor vive Stranded copper wire, bare Conductor vive (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Conductor vive (withshild voltage power AC max. 79 0/km @ 20 °C Normial voltage power AC max. 2.5 kV @ 60 s AC withstand voltage power (withshild voltage power Ac max. 2.5 kV @ 60 s Min. operating temperature (kad) 80 °C / 90 °C @ 10000 h Operation Operating temperature (kad) | Shore hardness jacket | 58 ± 3 Shore D |
| Tolerance outer diameter (sheath) ± 5 % Material wre insulation PP Anourt wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 1.45 % Shore hardness wire insulation 1.45 % Ingredient freeness wire insulation 1.43 Shore D Ingredient freeness wire insulation 1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Dameter of singla wires 0.1 mm Conductor crossesaction (wire) 0.25 mm³ Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to PIN @ 02 °C Nominal voltage power (Nire - xire) 2,5 kV @ 60 s Max. operating temperature (stalic) -40 °C </td <td>Freedom from ingredients (jacket)</td> <td>lead-free, cadmium-free, CFC-free, halogen-free, silicone-free</td> | Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation 1.25 mm Outer diameter tolerance core insulation 1.5 % Shore hardness wire insulation 74.4 3 Shore D Ingredient freeness wire insulation Iead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0.1 mm Conductor russes wire insulation 0.25 mm ² Material conductor wire Stranded copper wire, bare Conductor russeschoin (wire) 0.25 mm ² Conductor type (wire) strand class 6 Traversing distance (-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE (029.4 Current load capacity (standard) to DIN VDE 029.4 Current load capacity (standard) to DIN VDE 029.4 Power frequency withstand voltage power 2.5 kV @ 60 s Min. operating temperature (static) 40 °C Max. oparating temperature (static) 40 °C Max. oparating temperature (static) 40 °C Derating temperature (static) 40 °C <td>Outer-diameter (jacket)</td> <td>4,3 mm</td> | Outer-diameter (jacket) | 4,3 mm |
| Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation Head-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of isle wires 0,1 mm Conductor crossection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0288-4 Current load capacity (standard) to DIN VDE 0288-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0290-C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2.5 kV @ 60 s Max. operating temperature max. (dynamic) -25 °C Operating t | Tolerance outer diameter (sheath) | ±5% |
| Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation 1.5 % Shore hardness wire insulation 74 ± 3 Shore D Imgredient Teeness wire insulation lead-free, cafmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0.1 mm Conductor orsessection (wire) 0.25 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (stac) 40 °C Max. operating temperature (stac) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EIN 604892.2 A Finam cesistance Good, application-related testing Gasolin resistance Good, application-related testing Gasolin res | Material wire insulation | PP |
| Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation isad free, calmium-free, CFC-free, halogen-free, silicone-free Amount stands (wire) 32 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Power frequency withstand voltage power 2,5 kV @ 60 s Min. operating temperature (stack) 40 °C Min. operating temperature (stack) 40 °C Min. operating temperature (stack) 50 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Fiame resistance EEC 603322-22 UL 1581 § 100 FT2 UL 1581 § 1080 | Amount wires | 3 |
| Shore hardness wire insulation 74 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Dimater of single wires 0.1 mm Conductor crossection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire) 2,5 KV @ 60 s Mominal voltage power (Amax. 300 V Power frequency withstand voltage power (wire - jacket) 2,5 KV @ 60 s Min. operating temperature (static) -40 °C Ada withstand voltage power (wire - wire) 2,5 KV @ 60 s Min. operating temperature (static) -40 °C Operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (static) -40 °C Diversitance Div C / 90 °C @ 10000 h Operation UV resistance Div C / 90 °C @ 10000 h Operation UV resistance Div NED (4892-2A Flame resistance Good, application-related testing Gasoline resista | Outer diameter insulation | 1,25 mm |
| Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor or sossection (wire) 0,25 mm² Material conductor wire Strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2,5 kV @ 60 s Max. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Querating temperature (static) -25 °C Operating temperature min. (dynamic) -25 °C Operating temperature min. (dynamic) -25 °C Operating temperatur | Outer diameter tolerance core insulation | ±5% |
| Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (witsmale more and the expension of the expe | Shore hardness wire insulation | 74 ± 3 Shore D |
| Anount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire) 4.5 A Electrical resistance line constant wire 79 0/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2.5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (static) 80 °C / 90 °C @ 10000 h Operation Operating temperature (static) 80 °C / 90 °C @ 10000 h Operation Operating temperature (static) 80 °C / 90 °C @ 10000 h Operation <td></td> <td></td> | | |
| Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4.5 A Electrical resistance line constant wire 79 0/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2.5 kV @ 60 s Min. operating temperature (straic) 4.0 °C Max. operating temperature (straic) 4.0 °C Max. operating temperature (straic) 4.0 °C Ver resistance Ele C60332-2.2 I/L 1581 § 1100 FT2 I/L 1581 § 1090 Cherentare DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Old resistance Good, application-related testing Old resistance Good, application-related testing Gascline resistance INE N ISO 4492-2 A Flame resistance | - | |
| Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 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 (static) -40 °C Operating temperature (static) -25 °C Operating temperature (static) -26 °C <t< td=""><td>· · ·</td><td></td></t<> | · · · | |
| Material conductor wire Strande dopper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 2,5 kV @ 60 s Max. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature max. (dynamic) 25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance IEC 60332-22 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (dynamic) 10 × Outer diameter Bending radiu | - | 0,25 mm ² |
| Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 0/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2,5 kV @ 60 s Min. operating temperature (statc) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (statc) -40 °C Max. operating temperature (statc) -40 °C Max. operating temperature (statc) -80 °C / 90 °C @ 10000 h Operation Operating temperature (statc) -80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892 2 A Flame resistance IEC 60332 2 2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter < | | Stranded copper wire, bare |
| Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Q/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO4 4892-2 A Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Ol resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 × Outer di | | |
| Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 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 AC withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (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 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gil resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion starsis ± 360 °/m Conmercial data 85444290 GTIN < | | 5 m @ 25 °C horizontal |
| Electrical resistance line constant wire 79 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 UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance IN EN 150 4604 / Good, application-related testing Oil resistance IN EN 160811-404 / Good, application-related testing Oil resistance IN Outer diameter Bending radius (fixed) 5 × Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion starsift number 85444290 GTIN 40488796662 | Current load capacity (standard) | to DIN VDE 0298-4 |
| 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 (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 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data 85444290 GTIN 4048879666275 | Current load capacity min. wire | 4,5 A |
| 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 (static) -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 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data Es444290 GTIN 4048879666275 | Electrical resistance line constant wire | 79 Ω/km @ 20 °C |
| (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN Vuter diameterBending radius (fixed)5 x Outer diameterNo. of torsion cycles1 Mio.Torsion speed35 cycles/minTorsion stress± 360 °/mCommercial data85444290GTIN4048879666275 | Nominal voltage power AC max. | 300 V |
| 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 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 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 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data Est44290 GTIN 4048879666275 | | 2,5 kV @ 60 s |
| Max. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical 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 diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles1 Mio.Torsion speed35 cycles/minTorsion stress± 360 °/mCommercial data85444290GTIN4048879666275 | AC withstand voltage power (wire - wire) | 2,5 kV @ 60 s |
| Operating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical 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 × Outer diameterBending radius (dynamic)10 × Outer diameterNo. of torsion cycles1 Mio.Torsion speed35 cycles/minTorsion stress± 360 °/mCommercial data85444290GTIN4048879666275 | Min. operating temperature (static) | -40 °C |
| Operating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles1 Mio.Torsion speed35 cycles/minTorsion stress± 360 °/mCommercial data85444290GTIN4048879666275 | Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| UV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles1 Mio.Torsion speed35 cycles/minTorsion stress± 360 °/mcustoms tariff number85444290GTIN4048879666275 | Operating temperature min. (dynamic) | -25 °C |
| Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data 85444290 GTIN 4048879666275 | Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles1 Mio.Torsion speed35 cycles/minTorsion stress± 360 °/mCommercial datacustoms tariff number85444290GTIN4048879666275 | UV resistance | DIN EN ISO 4892-2 A |
| chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles1 Mio.Torsion speed35 cycles/minTorsion stress± 360 °/mCommercial datacustoms tariff number85444290GTIN4048879666275 | Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| 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 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666275 | chemical resistance | |
| Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles1 Mio.Torsion speed35 cycles/minTorsion stress± 360 °/mcustoms tariff number85444290GTIN4048879666275 | Gasoline resistance | Good, application-related testing |
| Bending radius (dynamic) 10 × Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666275 | Oil resistance | DIN EN 60811-404 Good, application-related testing |
| No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data customs tariff number 85444290 GTIN 4048879666275 | Bending radius (fixed) | 5 x Outer diameter |
| Torsion speed 35 cycles/min Torsion stress ± 360 °/m Commercial data | Bending radius (dynamic) | 10 x Outer diameter |
| Torsion stress ± 360 °/m Commercial data Example customs tariff number 85444290 GTIN 4048879666275 | | 1 Mio. |
| Torsion stress ± 360 °/m Commercial data Example customs tariff number 85444290 GTIN 4048879666275 | Torsion speed | 35 cycles/min |
| customs tariff number 85444290 GTIN 4048879666275 | | ± 360 °/m |
| GTIN 4048879666275 | Commercial data | |
| | customs tariff number | 85444290 |
| Packaging unit 1 | GTIN | 4048879666275 |
| | Packaging unit | 1 |

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: 2024-04-24

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