

## CAP FOR D-BOX M124-WAY 5-POLE

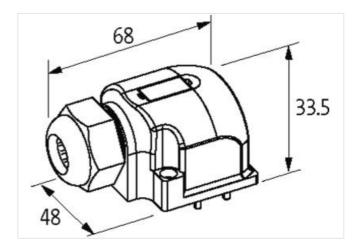
No pot.-sep.30m PUR, 8x0,5+3x1,0

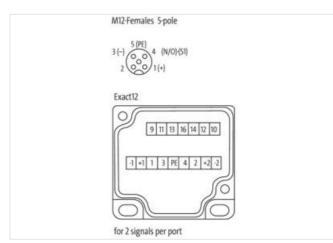
for 4-way distribution boxes, 5-pole Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration







Product may differ from Image



| Commercial data |          |  |
|-----------------|----------|--|
| ECLASS-6.0      | 27143423 |  |
| ECLASS-6.1      | 27279219 |  |
| ECLASS-7.0      | 27279219 |  |
| ECLASS-8.0      | 27279219 |  |
| ECLASS-9.0      | 27440108 |  |

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: 2024-05-21

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| ECLASS-10.1                                     | 27440108   |
|---|--|
| ECLASS-11.1                                     | 27440108   |
| ECLASS-12.0                                     | 27440108   |
| ETIM-5.0  | EC002585   |
| customs tariff number                           | 85444290   |
| GTIN  | 4048879055475  |
| Packaging unit                                  | 1  |
| Electrical data   Supply                        |  |
| Total current max.                              | 8 A  |
|   | 0 A  |
| Device protection   Media                       |  |
| Flame resistance                                | flame retardant  |
| Mechanical data   Material data                 |  |
| Material housing                                | Plastic  |
| Environmental characteristics   Climatic        |  |
| Operating temperature min.                      | -20 °C   |
| Operating temperature max.                      | 0° C   |
| Additional condition temperature range          | depending on cable quality   |
| Installation   Cable                            |  |
| Cable identification                            | 448  |
| Jacket Color                                    | gray   |
| Type of Certificate                             | cURus  |
| Amount stranding                                | 1  |
| Stranding                                       | 2 wires with Filler twisted  |
| Stranding factor min.                           | 51 mm  |
| Stranding factor max.                           | 51 mm  |
| Amount stranding (type 2)                       | 1  |
| Stranding (type 2)                              | 9 wires around Stranding combination counter-rotating twisted  |
| Stranding factor min. (type 2)                  | 100 mm   |
| Stranding factor max. (type 2)                  | 100 mm   |
| Banding   | Fleece   |
| Filler  | yes  |
| wire arrangement                                | white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green) |
| Cable weigth                                    | 146,3 g/m  |
| Material jacket                                 | PUR  |
| Shore hardness jacket                           | 94 ± 5 Shore A   |
| Freedom from ingredients (jacket)               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free                              |
| Outer-diameter (jacket)                         | 9 mm   |
| Tolerance outer diameter (sheath)               | ±5%  |
| Material wire insulation                        | TPE-E  |
| Amount wires                                    | 8  |
| Outer diameter insulation                       | 1,6 mm   |
| Outer diameter tolerance core insulation        | ±5%  |
| Shore hardness wire insulation                  | 55 ± 3 Shore D   |
| Ingredient freeness wire insulation             | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free                              |
| Amount strands (wire)                           | 64   |
| Diameter of single wires                        | 0,1 mm   |
| Conductor crosssection (wire)                   | 0,5 mm <sup>2</sup>  |
| Material conductor wire                         | Stranded copper wire, bare   |
| Conductor type (wire)                           | strand class 6   |
| Material wire insulation (Data)                 | TPE-E  |
| Outer diameter wire insulation (Data)           | 2,1 mm   |
| Tolerance outer diameter wire insulation (data) | ±5%  |
| , , , , , , , , , , , , , , , , , , ,           |  |

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| Amount wires (Dita)       3         Amount wires (Dita)       128         Dimmeter of single wires (Dita)       0.1 mm         Conductor rossescition wire (Data)       1 mm <sup>2</sup> Main rade violage (conductor)       900 V         Max. rade violage (conductor)       900 V         Current toad capacity (standard)       to DIN VDE 0298 4         Current toad capacity (standard)       90 V         Current toad capacity (standard)       20 LVm @ 20 °C         Electrical resistance could wire (Data)       15 A         Electrical resistance could wire (Data)       20 LVm @ 20 °C         Ac wirbard vibrage (wire - wire)       2 LV @ 60 s         Parent foad capacity min. Wire (Data)       20 LVm @ 20 °C         Condersing temperature (wirk)       90 °C         Condersing temperature (wirk)       2 LV @ 60 s         Min. operating temperature (wirk)       90 °C         Condersing temperature (wirk)       90 °C         Condersing temperature (wirk)       90 °C         Condersing temperature (wirk) (standaroling)       90 °C   | Shore hardness wire insulation (Data)             | 55 ± 3 Shore D  |
|---|---|---|
| Amount strands wire (Data)       128         Diameter of single wires (Data)       0.1 mm         Meterial conductor wire (Data)       Stranded copser wire, bare         Wire conductor type (Data)       Strand class 6         Max. rated voltage (conductor - conductor)       500 V         Max. rated voltage (conductor - ground)       500 V         Max. rated voltage (conductor - ground)       500 V         Current load capacity min. Wire (Data)       15 A         Electrical resistance line constant wire       39 0/km @ 20 °C         Electrical resistance line constant wire       30 0/km @ 20 °C         Ac withstand voltage (wire - wire)       2 K/W @ 60 s         Power frequency withstand voltage (wire - wire)       2 K/W @ 60 s         Power frequency withstand voltage (wire - wire)       2 K/W @ 60 s         Min. operating temperature (fixed)       90 °C   | Ingredient freeness wire insulation (Data)        | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free |
| Diameter of single wires (Data) 0,1 mm<br>Conductor trossection wire (Data) 1 mm <sup>2</sup><br>Max. rated voltage (conductor venotuctor) 500 V<br>Max. rated voltage (conductor venotuctor) 500 V<br>Max. rated voltage (conductor venotuctor) 500 V<br>Current load capacity (standard) to DIN VDE 0298-4<br>Current load capacity min. Wire (Data) 15 A<br>Electrical resistance line constant wire 39 0 km @ 20 °C<br>Electrical resistance line constant wire 39 0 km @ 20 °C<br>Electrical resistance line constant wire 39 0 km @ 20 °C<br>Electrical resistance line constant wire 20 20 km @ 20 °C<br>Electrical resistance line constant wire 40 °C 0<br>Prover frequency withstand voltage (wire -<br>wire) 40 °C<br>Operating temperature (static) 40 °C<br>Operating temperature (static) 90 °C<br>Constant deriver 20 °C<br>Electrical resistance Constant wire) 90 °C<br>Operating temperature (way, dynamic) 10 °C<br>Operating temperature (way, dynamic) 90 °C<br>Desting temperature (way) % Outer diameter<br>Electrical % % Mo & ØS 1 % Mox @ S °C<br>No. of poles 11 °C % Mox @ S °C<br>No. of poles 11 °C % Mox @ S °C<br>Pli 1 % 1 %<br>Pli 2 % No S 1 | Amount wires (Data)                               |   |
| Canductor crosssection wire (Data)   1 mm <sup>2</sup> Material conductor wire (Data)   Stranded opper wire, bare     Wire conductor yie (Data)   atrand class 6     Max. rated voltage (conductor - conductor)   500 V     Current load capacity min. wire (Data)   15 A     Electrical resistance line constant wire   30 O/km @ 20 °C     Electrical resistance coaling wire (Data)   20 O/km @ 20 °C     Electrical resistance line constant wire   30 O/km @ 20 °C     Power frequency Withstand voltage (wire - wire)   2 k/V @ 60 s     Min. operating temperature (statc)   -40 °C     Operating temperature (fixed)   90 °C     Porenting temperature main. (dynamic)   40 °C     Operating temperature main. (dynamic)   90 °C     Flow resistance   UL 1581 § 100 PT2   IEC 60332-2-2     chemical resistance   Good. application-related testing     Gasoline resistance   Good. application-related testing     Oil resistance   DIN EN 6081-1041 (Good, application-related testing     Bending radus (fixed)   X Outer diameter     Taval speed (C-traek)   5 Mio. @ 25 °C     No. of tories   13  <  | Amount strands wire (Data)                        | 128   |
| Material conductor wire (Data)       Stranded copper wire, bare         Wire conductor type (Data)       strand class 6         Max, radd voltage (conductor - ground)       300 V         Current load capacity (strandard)       to DIN VDE 0298-4         Current load capacity (min, wire (Data)       15 A         Electrical resistance line constant wire a       39 D/km @ 20 °C         Electrical resistance line constant wire (Data)       20 C/km @ 20 °C         Corrent load capacity min, wire (Data)       20 C/km @ 20 °C         AC withstand voltage (wire - provind)       20 C/km @ 20 °C         Dever freguency withstand voltage (wire - provind)       24 V @ 60 s         Min. oparating temperature (stald)       90 °C         Power freguency withstand voltage (wire - provind)       24 V @ 60 s         Min. oparating temperature (inc, (dynamic))       -40 °C         Operating temperature (inc, (dynamic))       -40 °C         Power freguency withstand voltage (wire - provind)       90 °C         Falme resistance       Good, application-related testing         Gasoline resistance       Din V Li 581 § 1000 I Li 581 § 1100 FT2   EC 60332-2-2         Chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing  | Diameter of single wires (Data)                   | 0,1 mm  |
| Wire conductor (pe (Data)strand class 6Max. rated voltage (conductor - conductor)500 VMax. rated voltage (conductor - conductor)500 VCurrent load capacity (standard)to DIN VDE 0296 4Current load capacity (standard)to DIN VDE 0296 4Current load capacity mi. Wire (Data)15 AElectrical resistance onsign wire (Data)20 $\Omega$ km @ 20 °CA withstand voltage (wire - view)2 kV @ 60 sPower frequency withstand voltage (wire - zkV @ 60 sPower frequency withstand voltage (wire - zkV @ 60 sQuerating temperature (static)40 °CMax. operating temperature (static)40 °COperating temperature (static)90 °COperating temperature (static)90 °COperating temperature (static)90 °COperating temperature (static)90 °CFinam cesistanceGood, application-related testingOperating temperature (static)90 °CFinam cesistanceGood, application-related testingGasoline resistanceGood, application-related testingOt resistanceGood, application-related testingBending radius (instatiation)x Outer diameterBending radius (instatiation)x Outer diameterBending radius (instatiation)S Mice 25 °CNo. of torison cycles0,5 Mic.Torison stress $\pm$ 180 °/mConsection type311Family construction formfree cable endNo. of poles13Family construction formMit2Genderfemale<   | Conductor crosssection wire (Data)                | 1 mm <sup>2</sup>   |
| Max. rated voltage (conductor - ground)       500 V         Max. rated voltage (conductor - ground)       500 V         Current load capacity min. wire       5.9 A         Electrical resistance inconstant wire       3.0 U/m @ 20 °C         Electrical resistance inconstant wire       3.0 U/m @ 20 °C         Adwittshard voltage (wire - yine)       2 kV @ 60 s         Min. operature (static)       40 °C         Max. operating temperature (static)       40 °C         Operating temperature (static)       40 °C         Operating temperature (static)       90 °C         Charitistiand voltage (wire - global)       2 kV @ 60 s         Min. operature max. (dynamic)       90 °C         Correling temperature (static)       90 °C         Correling temperature (static)       50 °C         Cheme resistance       Good, application-re   | Material conductor wire (Data)                    | Stranded copper wire, bare  |
| Max. rated voltage (conductor - ground)       300 V         Current Load apacity (standard)       to DIV VDE 0298-4         Current Load apacity min. Wire (Data)       15 A         Current load capacity min. Wire (Data)       15 A         Electrical resistance line constant wire       39 Q.Wr. @ 20 °C         Electrical resistance coating wire (Data)       20 Q.Wr. @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - wire)       40 °C         Operating temperature (lixed)       90 °C         Operating temperature (lixed)       90 °C         Operating temperature min. (dynamic)       40 °C         Geneting temperature min. (dynamic)       90 °C         Conscitatore       Good, application-related testing         Gasoline resistance       Good, application-related testing         Banding radius (installation)       x Outer diameter         Tarevispeed (C+rack)       5 Mo.  | Wire conductor type (Data)                        | strand class 6  |
| Current load capacity (standard)       to DIN VDE 0298.4         Current load capacity min. Wrie       5.9 A         Current load capacity min. Wrie       5.9 A         Current load capacity min. Wrie (Dat)       15 A         Electrical resistance coaling wire (Cata)       20 /km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - interpretation (standard))       40 °C         Min. operating temperature (static)       40 °C         Max. operating temperature (static)       40 °C         Operating temperature max. (dynamic)       90 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1090   UL 1581 § 1100 FT2   EC 60332-2-2         Chemical resistance       Go.d. application-related testing         Gasoline resistance       Go.d. application-related testing         Banding radius (itsallation)       x Outer diameter         Bending radius (itsallation)       x Outer diameter         Bending radius (itsallation)       x Outer diameter         Bending radius (itsallation)       x Outer diameter         Travel speed (C-track)       5 Mio. @ 25 °C         No. ot poles       11         Family construction form   | Max. rated voltage (conductor - conductor)        | 500 V   |
| Current load capacity min. Wire (Data)       15 A         Current load capacity min. Wire (Data)       15 A         Electrical resistance coaling wire (Data)       20 O/km @ 20 °C         Electrical resistance coaling wire (Data)       20 O/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - align and the output of  | Max. rated voltage (conductor - ground)           | 300 V   |
| Current load capacity min. Wire (Data)       15 A         Electrical resistance ince constant wire       39 O/km @ 20 °C         Electrical resistance coating wire (Data)       20 O/km @ 20 °C         AC withstand voltage (wire - vire)       2 kV @ 60 s         Power frequency withstand voltage (wire - vire)       2 kV @ 60 s         Min. operating temperature (tstatic)       -40 °C         Max. operating temperature (tstatic)       -40 °C         Operating temperature max. (dynamic)       90 °C         Genation temperature max. (dynamic)       90 °C         Operating temperature max. (dynamic)       90 °C         Classine resistance       Good, application-related testing         Banding radius (installation)       x Outer diameter         Bending radius (fixed)       S Min. @ 25 °C         No. of porison stress       ± 180 °/m         Eacter outpes       1         Family construction form       free cable end <tr< td=""><td>Current load capacity (standard)</td><td>to DIN VDE 0298-4</td></tr<>  | Current load capacity (standard)                  | to DIN VDE 0298-4   |
| Electrical resistance coating wire (Data)   20 Ω/km @ 20 °C     AC withstand voltage (wire - wire)   2 kV @ 60 s     Power frequency withstand voltage (wire -<br>jacket)   2 kV @ 60 s     Min. operating temperature (fixed)   -40 °C     Max. operating temperature (fixed)   90 °C     Operating temperature (fixed)   90 °C     Porating temperature (fixed)   90 °C     Charlen temperature (fixed)   90 °C     Finam resistance   UL 1581 § 1090   UL 1581 § 1100 FT2   EC 60332-2-2     chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Old resistance   DIN EX 60811-404   Good, application-related testing     Bending radius (fixed)   x Outer diameter     Bending radius (fixed)   x Outer diameter     Tavel speed (C-track)   5 Min. @ 25 °C     No. of torsion cycles   0.5 Min.     Orison stress   ± 180 °/m     Concetton type 3   Tere cable end     Family construction form   free cable end     No. of poles   11     Family construction form   free cable end     No. of poles   13     Family construction form   free cable end     No. of poles   5     Coling   A     Max   Se 2 <td>Current load capacity min. wire</td> <td>5,9 A</td>  | Current load capacity min. wire                   | 5,9 A   |
| Electrical resistance coating wire (Data) $20 \Omega km @ 20 °C$ AC withstand voltage (wire - wire) $2 kV @ 60 s$ Power frequency withstand voltage (wire - graver) $2 kV @ 60 s$ Min. operating temperature (state)-40 °CMax. operating temperature (fixed)90 °COperating temperature max. (dynamic)-40 °COperating temperature max. (dynamic)90 °COperating temperature temperature max. (dynamic)90 °COperating temperature temperatu   | Current load capacity min. Wire (Data)            | 15 A  |
| AC withstand voltage (wire - wire)     2 kV @ 60 s       Power frequency withstand voltage (wire - gkk @ 60 s       Min. operating temperature (static)     40 °C       Max. operating temperature (static)     90 °C       Operating temperature (iscol)     90 °C       Coperating temperature (iscol)     90 °C       Coll resistance     Good, application-related testing       Coll resistance     DIN EN 60811-040 (Good, application-related testing       Bending radius (installation)     x Outer diameter       Tavel speed (C-track)     S Mio. @ 25 °C       No. of poles     0.5 Mio.       Torsion stress     ± 180 °/m       Comection typa     11       Family const   | Electrical resistance line constant wire          | 39 Ω/km @ 20 °C   |
| Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         Min. operating temperature (static)       40 °C         Max. operating temperature (static)       90 °C         Operating temperature min. (dynamic)       90 °C         Operating temperature min. (dynamic)       90 °C         Coperating temperature min. (dynamic)       90 °C         Chemical resistance       UL 1581 § 1000 LU 1581 § 1100 FT2   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (tixed)       x Outer diameter         Travel speed (C-track)       5 Mio. @ 25 °C         No. of pols       10 × Outer diameter         Family construction form       free cable end         No. of pols       11         Family construction form       free cable end         No. of pols       13         Family construction form       M12         Gonder       fema   | Electrical resistance coating wire (Data)         | 20 Ω/km @ 20 °C   |
| jacket)       2 M 0 0 0 S         Min. operating temperature (static)       -40 °C         Max. operating temperature (iked)       90 °C         Operating temperature max. (dynamic)       -40 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1000  UL 1581 § 1100 FT2  EC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (installation)       x Outer diameter         Bending radius (kiked)       x Outer diameter         Bending radius (kiked)       x Outer diameter         Bending radius (kiked)       x Outer diameter         Travel speed (C-track)       5 Mio. @ 25 °C         No. of torsion cycles       0,5 Mio.         Torsion stress       ± 180 °m         Conection type 3       T         Family construction form       free cable end         No. of poles       13         Family construction form       M12         Gender       male         Color contact ca   | AC withstand voltage (wire - wire)                | 2 kV @ 60 s   |
| Max. operating temperature (fixed)       90 °C         Operating temperature min. (dynamic)       -40 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1000   UL 1581 § 1100 FT2   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oll resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (installation)       x Outer diameter         Bending radius (gynamic)       10 x Outer diameter         Bending radius (gynamic)       10 x Outer diameter         Torsion stress       ± 180 °/m         Concetion type 3          Family construction form       free cable end         No. of poles       11         Family construction form       free cable end         No. of poles       13         Family construction form       M12         Gender       female         Color contact carrier       black         Coding       A         No. of poles       5         PIN 1       +  | Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s   |
| Operating temperature min. (dynamic)       -40 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gascline resistance       Good, application-related testing         Gascline resistance       DIN EN 60811-404   Good, application-related testing         Bording radius (installation)       × Outer diameter         Bending radius (installation)       × Outer diameter         Bending radius (dynamic)       10 × Outer diameter         Bending radius (dynamic)       10 × Outer diameter         Tavel speed (-Crack)       5 Mio. @ 25 °C         No. of torsion cycles       0,5 Mio.         Torsion stress       ± 180 °/m         Concetion type 3       Free cable end         Family construction form       free cable end         No. of poles       11         Family construction form       free cable end         No. of poles       13         Family construction form       M12         Gender       female         Color contact carrier       black         Coding       A         No. of poles   | Min. operating temperature (static)               | -40 °C  |
| Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oll resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (ixed)       x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         Travel speed (C-track)       5 Mio. @ 25 °C         No. of torsion cycles       0,5 Mio.         Torsion stress       ± 180 °/m         Conceton type 3       10 x Outer diameter         Family construction form       free cable end         No. of poles       11         Family construction form       free cable end         No. of poles       13         Family construction form       M12         Gender       female         Color contact carrier       black         Coding       A         No. of poles       5         PIN 1       +         PIN 2       NC S 2         PIN 3       - <td>Max. operating temperature (fixed)</td> <td>90 °C</td>   | Max. operating temperature (fixed)                | 90 °C   |
| Flame resistanceUL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (installation)x Outer diameterBending radius (installation)x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CNo. of torsion cycles0,5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackColingANo. of poles5PIN 1+PIN 2NC S 2PIN 4NO S 1  | Operating temperature min. (dynamic)              | -40 °C  |
| chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)x Outer diameterBending radius (fynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CNo. of torsion cycles0,5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackColingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1  | Operating temperature max. (dynamic)              | 90 °C   |
| Gasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CNo. of torsion cycles0,5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackColingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1  | Flame resistance                                  | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2                       |
| Oil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CNo. of torsion cycles0,5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackColingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1  | chemical resistance                               | Good, application-related testing   |
| Bending radius (installation)x Outer diameterBending radius (fixed)x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CNo. of torsion cycles0,5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1  | Gasoline resistance                               | Good, application-related testing   |
| Bending radius (fixed)x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CNo. of torsion cycles0,5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1   | Oil resistance                                    | DIN EN 60811-404   Good, application-related testing                      |
| Bending radius (dynamic)       10 x Outer diameter         Travel speed (C-track)       5 Mio. @ 25 °C         No. of torsion cycles       0,5 Mio.         Torsion stress       ± 180 °/m         Connection type 3         Family construction form       free cable end         No. of poles       11         Family construction form       free cable end         No. of poles       13         Family construction form       M12         Gender       female         Color contact carrier       black         Coding       A         No. of poles       5         PIN 1       +         PIN 2       NC S 2         PIN 3       -  | Bending radius (installation)                     | x Outer diameter  |
| Travel speed (C-track)       5 Mio. @ 25 °C         No. of torsion cycles       0,5 Mio.         Torsion stress       ± 180 °/m         Connection type 3          Family construction form       free cable end         No. of poles       11         Family construction form       free cable end         No. of poles       13         Family construction form       M12         Gender       female         Color contact carrier       black         Coding       A         No. of poles       5         PIN 1       +         PIN 2       NC S 2         PIN 3       -  | Bending radius (fixed)                            | x Outer diameter  |
| No. of torsion cycles0,5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1  | Bending radius (dynamic)                          | 10 x Outer diameter   |
| Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1   | Travel speed (C-track)                            | 5 Mio. @ 25 °C  |
| Connection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1  | No. of torsion cycles                             | 0,5 Mio.  |
| Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1   | Torsion stress                                    | ± 180 °/m   |
| No. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1   | Connection type 3                                 |   |
| Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1   | Family construction form                          | free cable end  |
| No. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1   | No. of poles                                      | 11  |
| Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1   | Family construction form                          | free cable end  |
| GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1  | No. of poles                                      | 13  |
| Color contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1  | Family construction form                          | M12   |
| Coding       A         No. of poles       5         PIN 1       +         PIN 2       NC S 2         PIN 3       -         PIN 4       NO S 1   | Gender  | female  |
| No. of poles       5         PIN 1       +         PIN 2       NC S 2         PIN 3       -         PIN 4       NO S 1  | Color contact carrier                             | black   |
| PIN 1   +     PIN 2   NC S 2     PIN 3   -     PIN 4   NO S 1   | Coding  | A   |
| PIN 2       NC S 2         PIN 3       -         PIN 4       NO S 1   | No. of poles                                      | 5   |
| PIN 3       -         PIN 4       NO S 1  | PIN 1   | +   |
| PIN 4 NO S 1  | PIN 2   | NC S 2  |
|   | PIN 3   | -   |
| PIN 5 PE  | PIN 4   | NO S 1  |
|   | PIN 5   | PE  |

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: 2024-05-21

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