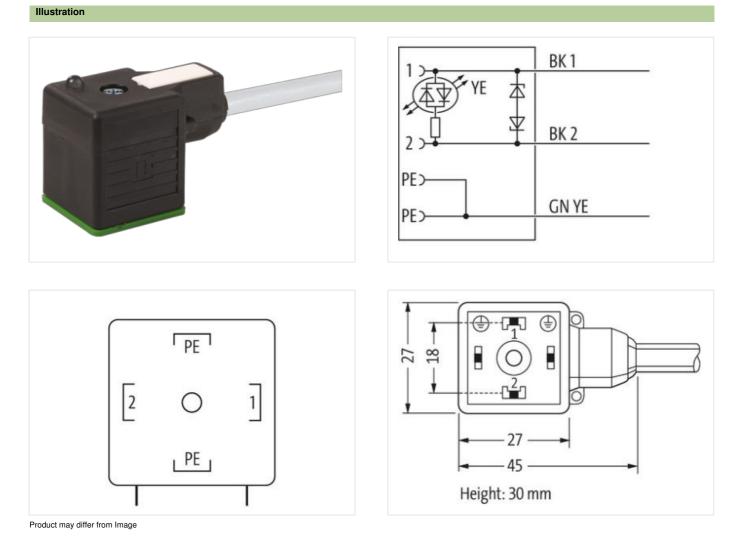


## MSUD valve plug A-18mm with cable

PUR 3x0.75 gy UL/CSA+drag ch. 1.5m

MSUD Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Bridged PE 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



CE **6**P

Cable length

1,5 m

## Side 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: 2024-04-27

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no



| Family construction formMThreadMMaterialPDegree of protection (EN IEC 60529)IFCommercial data2ECLASS-6.02ECLASS-6.12ECLASS-7.02ECLASS-8.02ECLASS-9.02ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8   | 20 ms  |
|--|--|
| ThreadMMaterialPDegree of protection (EN IEC 60529)IFCommercial dataEECLASS-6.02ECLASS-6.12ECLASS-7.02ECLASS-8.02ECLASS-9.02ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1  | M3<br>PBT<br>IP67<br>27279218<br>27279218<br>27279218<br>27279218<br>27060312<br>27060312<br>27060312<br>27060312<br>27060312<br>EC001855<br>85444290<br>4048879194044<br>1<br>20 ms                     |
| MaterialPDegree of protection (EN IEC 60529)IFCommercial dataECLASS-6.02ECLASS-6.12ECLASS-7.02ECLASS-8.02ECLASS-9.02ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1  | PBT<br>IP67<br>27279218<br>27279218<br>27279218<br>27279218<br>27060312<br>27060312<br>27060312<br>27060312<br>27060312<br>27060312<br>27060312<br>27060312<br>2001855<br>85444290<br>4048879194044<br>1 |
| Degree of protection (EN IEC 60529)IFCommercial data2ECLASS-6.02ECLASS-6.12ECLASS-7.02ECLASS-8.02ECLASS-9.02ECLASS-10.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1  | IP67<br>27279218<br>27279218<br>27279218<br>27060312<br>27060312<br>27060312<br>27060312<br>27060312<br>EC001855<br>85444290<br>4048879194044<br>1<br>20 ms  |
| Commercial dataECLASS-6.02ECLASS-6.12ECLASS-7.02ECLASS-8.02ECLASS-9.02ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1  | 27279218<br>27279218<br>27279218<br>27060312<br>27060312<br>27060312<br>27060312<br>27060312<br>EC001855<br>85444290<br>4048879194044<br>1   |
| ECLASS-6.0     2       ECLASS-6.1     2       ECLASS-7.0     2       ECLASS-8.0     2       ECLASS-9.0     2       ECLASS-10.1     2       ECLASS-11.1     2       ECLASS-12.0     2       ETIM-5.0     E       customs tariff number     8       GTIN     4       Packaging unit     1                    | 27279218<br>27279218<br>27279218<br>27060312<br>27060312<br>27060312<br>27060312<br>EC001855<br>85444290<br>4048879194044<br>1   |
| ECLASS-6.1       2         ECLASS-7.0       2         ECLASS-8.0       2         ECLASS-9.0       2         ECLASS-10.1       2         ECLASS-11.1       2         ECLASS-12.0       2         ETIM-5.0       E         customs tariff number       8         GTIN       4         Packaging unit       1 | 27279218<br>27279218<br>27279218<br>27060312<br>27060312<br>27060312<br>27060312<br>EC001855<br>85444290<br>4048879194044<br>1   |
| ECLASS-7.0       2         ECLASS-8.0       2         ECLASS-9.0       2         ECLASS-10.1       2         ECLASS-11.1       2         ECLASS-12.0       2         ETIM-5.0       E         customs tariff number       8         GTIN       4         Packaging unit       1                            | 27279218<br>27279218<br>27060312<br>27060312<br>27060312<br>27060312<br>EC001855<br>85444290<br>4048879194044<br>1   |
| ECLASS-8.02ECLASS-9.02ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1  | 27279218<br>27060312<br>27060312<br>27060312<br>27060312<br>EC001855<br>85444290<br>4048879194044<br>1<br>20 ms  |
| ECLASS-9.022ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1  | 27060312<br>27060312<br>27060312<br>27060312<br>EC001855<br>85444290<br>4048879194044<br>1<br>20 ms  |
| ECLASS-9.022ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1  | 27060312<br>27060312<br>27060312<br>27060312<br>EC001855<br>85444290<br>4048879194044<br>1<br>20 ms  |
| ECLASS-11.122ECLASS-12.022ETIM-5.0Ecustoms tariff number83GTIN44Packaging unit1  | 27060312<br>27060312<br>EC001855<br>85444290<br>4048879194044<br>1<br>20 ms  |
| ECLASS-12.022ETIM-5.0Ecustoms tariff number82GTIN44Packaging unit1   | 27060312<br>EC001855<br>85444290<br>4048879194044<br>1<br>20 ms  |
| ECLASS-12.022ETIM-5.0Ecustoms tariff number82GTIN44Packaging unit1   | EC001855<br>85444290<br>4048879194044<br>1<br>20 ms  |
| customs tariff number88GTIN44Packaging unit1   | 85444290<br>4048879194044<br>1<br>20 ms  |
| GTIN 4<br>Packaging unit 1   | 4048879194044<br>1<br>20 ms  |
| GTIN 4<br>Packaging unit 1   | 4048879194044<br>1<br>20 ms  |
| Packaging unit 1   | 20 ms  |
|  | 20 ms  |
|  |  |
| Capacity CX 2  |  |
| Electrical data   Supply   |  |
|  | 24 V   |
|  | 19,2 V   |
|  | 28,8 V   |
|  | 24 V   |
|  | 18 V   |
|  | 30 V   |
|  | 55 V   |
|  | 4 A  |
|  | 15 mA  |
| Diagnostics  |  |
|  | yellow   |
| , ,  | yenow  |
| Installation   Connection  |  |
|  | M3   |
| Device protection   Electrical   |  |
| Additional condition protection degree in  | inserted, screwed  |
| Pollution Degree 3   | 3  |
| 5 5  | 0,8 kV   |
| Material group (IEC 60664-1)   |  |
| Additional suppressor D  | Diode, Z-Diode   |
| Mechanical data   Material data  |  |
| Coating locking ve   | verzinkt   |
| Coating of fitting ve  | verzinkt   |
| Color housing b  | black  |
| Material gasket P  | PUR  |
| Locking material S   | Steel  |
| Material screw connection S  | Steel  |
| Mechanical data   Mounting data  |  |
|  | inserted, screwed  |
|  |  |

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: 2024-04-27

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no



## Environmental characteristics | Climatic

| Additional condition temperature range       depending on cable quality         Installation       266         Cable distriction       256         Cable Type       3         Printing color of wire insulation       white (isolation blackly)         Stacket Color       gray         Type of Cattricte       c.PLFus         Amount stranding       1         Stranding       wires twisted         Weire arrangement       black 1. black 2. grean yollow         No. of bending cycles (C-rack)       10 Mo. @ 25 °C         Cable weight       65.1 grin         Material jackst       PUF         Strone handness jackst       90 ± 5 Shore A         Freedom from ingredients gackst]       10 Mo. @ 25 °C         Outer diamoter (jackst)       5.5 °m         Outer diamoter (jackst)       5.9 °m         Amount transit (jackst)       1.85 °m         Outer diamoter (jackst)       1.85 °m         Outer diamoter (jackst)       1.85 °m         Diamoter trelation       1.85 °m   | Environmental characteristics   Climatic |  |
|---|--|--|
| Additional condition temperature range       depending on cable quality         Installation       266         Cable distriction       256         Cable Type       3         Printing color of wire insulation       white (isolation blackly)         Stacket Color       gray         Type of Cattricte       c.PLFus         Amount stranding       1         Stranding       wires twisted         Weire arrangement       black 1. black 2. grean yollow         No. of bending cycles (C-rack)       10 Mo. @ 25 °C         Cable weight       65.1 grin         Material jackst       PUF         Strone handness jackst       90 ± 5 Shore A         Freedom from ingredients gackst]       10 Mo. @ 25 °C         Outer diamoter (jackst)       5.5 °m         Outer diamoter (jackst)       5.9 °m         Amount transit (jackst)       1.85 °m         Outer diamoter (jackst)       1.85 °m         Outer diamoter (jackst)       1.85 °m         Diamoter trelation       1.85 °m   | Operating temperature min.               | -25 °C   |
| Institution ( Cable<br>Cable Step<br>Cable Step | Operating temperature max.               | 85 °C  |
| Cable identification286Cable Type3Cable Type3Printing Octor dive insulationwhile ideation black)Jacket ColorgrayType of CarlifoneCLPLusWinner stranding1StrandingSines twistedwise arrangementblack 1, Dack 2, green-yellowNo. of beading oyolas (C-track)10 Mo. @ 25 °GCable weighSei 1, Sine K, green-yellowNo. of beading oyolas (C-track)10 Mo. @ 25 °GCable weighSei 1, Sine K, green-yellowNo. of beading oyolas (C-track)10 Mo. @ 25 °GCable weighSei 5 hore AFreedom Tion Tingrodiols (gakcet)10 Mo. @ 25 °GCable arcegin or ingringrodiols (gakcet)10 Mo. @ 25 °GCable arcegin or ingringrodiols (gakcet)10 Mo. @ 25 °GCable arcegin or ingringrodiols (gakcet)10 Mo. @ 26 °GCable arcegin or ingringrodiol (free), shalogen free, shlocen freePrinting octor of wire insulation14 % (socalion black)Arcent arcegin insulation10 S °GMount arcegin (free), shlocen (free), blaceCarle arcegin (free), shlocen (free), blaceCarle arcegin (free), shlocen (free), blaceDirender arcegin (free), blace <tr< td=""><td>Additional condition temperature range</td><td>depending on cable quality</td></tr<>   | Additional condition temperature range   | depending on cable quality                           |
| Gable Type       3         Printing color of wire insulation       while (iduation black)<br>(iduated)         Locket Color       gray         Type of Carlinate       U/Fus         Anount stranding       1         Stranding       3 wires twisted         wire a transgement       black 1, black 2, green-yellow         No. of bending crystes (C-track)       10 Mo. © 25 °C         Cable wight       56, 1 grn         Material jacket       00 ± 5 Shore A         Evene hardness jacket       00 ± 5 Shore A         Evene hardness jacket       00 ± 5 Shore A         Cadue wight       5 %         Cadue diameter (sheath)       4 5 %         Material wire insulation       PP         Anount wires       3         Outer diameter insulation       1,85 rm         Outer diameter insulation       1,85 rm         Outer diameter insulation       1,95 %         Shore hardness wire insulation       1,85 rm         Outer diameter insulation       1,95 %         Shore hardness wire insulation       1,95 %         Cardinater the insulation       1,95 %         Shore hardness wire insulation       1,95 %   | Installation   Cable                     |  |
| Gable Type       3         Printing color of wire insulation       while (iduation black)<br>(iduated)         Locket Color       gray         Type of Carlinate       U/Fus         Anount stranding       1         Stranding       3 wires twisted         wire a transgement       black 1, black 2, green-yellow         No. of bending crystes (C-track)       10 Mo. © 25 °C         Cable wight       56, 1 grn         Material jacket       00 ± 5 Shore A         Evene hardness jacket       00 ± 5 Shore A         Evene hardness jacket       00 ± 5 Shore A         Cadue wight       5 %         Cadue diameter (sheath)       4 5 %         Material wire insulation       PP         Anount wires       3         Outer diameter insulation       1,85 rm         Outer diameter insulation       1,85 rm         Outer diameter insulation       1,95 %         Shore hardness wire insulation       1,85 rm         Outer diameter insulation       1,95 %         Shore hardness wire insulation       1,95 %         Cardinater the insulation       1,95 %         Shore hardness wire insulation       1,95 %   | Cable identification                     | 236  |
| Printing color of wire insulation       white (solution black)         Jacket Cloir       gray         Type of Cenfitche       URus         Anount stranding       1         Stranding       Swires twisted         wire a trangement       black 1, Back 2, green-yellow         No. of bending cycles (C-track)       10 Mio. @ 25 °C         Colle weigh       55 3 fym         Material jacket       PUR         Shore hardness jacket       90 5 Shore A         Freedom from ingedients (jacket)       15 5 %m         Tolerance user difference candmum-free, CFC-free, halogen-free, silicone-free         Outer diameter (jacket)       5 5 %         Material vire insulation       PP         Annoutt vires       3         Outer diameter insulation       1.5 mm         Outer diameter insulation       70 5 Shore D         Ingredem Inferences wire insulation       1.5 mm         Outer diameter insulation       1.40 (calation black)         Anount vires       3         Diameter of single wires       0.15 mm         Card vires insulation       1.40 (calation black)         Anount vires       5 %         Diameter of single wires   |  |  |
| Jacket Color       gray         Type of Certificatie       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       black 1, Nan 2, green yellow         No. of bending cycles (C-track)       10 Mo. @ 25 °C         Cable weight       56,1 grn         Material jacket       PUR         Shore hardness jacket       90,4 5 Shore A         Freedom from ingredients (jacket)       5,9 rm         Colar damotier (jacket)       5,9 rm         Toferance outer diameter (seath)       5,9 rm         Outer diameter (seath)       5,9 rm         Colar diameter insulation       PP         Amount wires       3         Outer diameter insulation       1,95 rm         Colar diameter insulation       70,5 Shore D         Ingredient freeness wire insulation       70,5 Shore D         Dimender display wires       0,15 rm         Conductor tyre insulation       19,6 Shore D         Dimender display wires       0,15 rm         Conductor tyre insulation       7,5 rm         Conductor tyre insulation       10 m @ 25 % Infoizontal         Conductor type (wire)       10 m @ 25 %   |  |  |
| Type of Certificate       cUPus         Amount strainding       1         Strainding       3 wirse twisted         Strainding       3 wirse twisted         Strainding       10 Mio. @ 25 % C         Cable weight       56.1 g/m         Material jacket       PUR         Shore hardness jacket       90.5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, allicone-free         Outer -diameter (jacket)       5.5 %         Material jacket       90.5 %         Outer diameter (insulation       PP         Amount wire insulation       185 m         Outer diameter insulation       1.5 %         Shore hardness wire insulation       1.5 %         North dranses wire insulation       1.5 %         North dranses wire insulation       1.5 %         North dranses wire insulation       1.5 %         Diameter of single wires       0.15 mm         Conductor crossection (wire)       0.2 for min         Conductor vire       Stranded copper wire, bare         Outer diameter (e1-rack)       10 m @ 25 for [Intraonal         Conductor vire       Stranded copper wire, bare         Cond  | -  |  |
| Amount stranding       1         Stranding       3 wires twisted         wire arrangement       Biak 1, biak 2, green-yellow         No. of bending cycles (C-track)       10 Mio. @ 25 °C         Cable weight       56,1 g/m         Material jacket       PUR         Shore hardness jackat       90 ± 5 Shore A         Freedom from ingredients (jacket)       5,9 mm         Cable weight       5,9 mm         Tolerance outer diameter (jacket)       5,9 mm         Outer diameter (jacket)       5,9 mm         Outer diameter insulation       PP         Amount wires       3         Outer diameter insulation       1,85 mm         Outer diameter insulation       1,5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       16aof free, cadmium free, CPC-free, halogen-free, billione-free         Printing outor of wire insulation       10 ± 5 %         Diameter of single wires       0,15 mm         Conductor trossection (wire)       42         Diameter of single wires       0,15 mm         Conductor trossection (wire)       87 mode         Conductor type (wire)       10 m @ 25 °C  norizontal   |  |  |
| Stranding       3 wires twisted         wire arrangement       black 1. black 2. green yellow         No. of bending cycles (C+track)       10 Mix @ 28 °C         Cable weigh       66.1 g/m         Material jacket       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom trom ingredients (gacket)       lead-free, cadmium-free, CPC-free, halogen-free, silicone-free         Outer-diameter (gacket)       5.9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Anount wices       3         Outer diameter insulation       1.85 mm         Outer diameter insulation       1.2 S Nr         Shore hardness wire insulation       1.2 S Nr         Diardet releance outer insulation       1.2 S Nr         North wires       3         Outer diameter insulation       1.2 S Nr         Ingredient freenees wire insulation       1.6 S mm         Canductor wires insulation       1.9 S S Nore D         Ingredient freenees wire insulation       1.9 S from P         Canductor wires consection (wire)       0.7 S mm <sup>2</sup> Diameter of single wires       0.15 mm         Conductor wire insulation   |  |  |
| wire arrangament       black 1, black 2, green-yellow         No. of bending cycles (C-track)       10 Mio. @ 25 °C         Cable weigh       65, 1 g/m         Material jacket       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (jacket)       Iead*ree, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       5.9 mm         Tolerance outer diameter (jacket)       5.9 mm         Outer-diameter insulation       PP         Annount wies       3         Outer diameter insulation       1,85 mm         Outer diameter insulation       white (solation black)         Annount stands (wire)       42         Dimeter of single wires       0,15 mm         Conductor yee (wire)       Stranded copper wire, bare         Co   |  |  |
| No. of bending cycles (C-track)     10 Mio. @ 25 °C       Cable weigh     56,1 g/m       Material Jackat     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredents (lacket)     Iead-tree, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (iscelt)     ± 5 %       Material Jackit     PP       Amount wires     3       Outer diameter (shealth)     ± 5 %       Material Jackit     70 ± 5 Shore A       Shore hardness wire insulation     1,85 mm       Outer diameter tolerance core insulation     ± 5 %       Monont stress wire insulation     19 ± 5 Shore D       Ingredient freeness wire insulation     19 ± 5 Shore D       Ingredient freeness wire insulation     Head-free, cadmium-free, CFC-free, halogen-free, silicone-free       Printing color of wire insulation     White (solation black)       Anount strands (wire)     42       Diameter of single wires     0,15 mm       Conductor type (wire)     Strand class 6       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Current load capacity (standard)     to DIN VEE C298.4       Current load capacity (standard)     50 N V       Power fre   |  |  |
| Cable weigh   56,1 g/m     Material jacket   PUR     Shore hardness jacket   90 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Outer-diameter (jacket)   5.5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   3     Outer diameter insulation   1.85 mm     Outer diameter insulation   1.85 mm     Outer diameter insulation   70 ± 5 Shore D     Ingredient free-swire insulation   1.95 %     Shore hardness wire insulation   1.95 %     Shore hardness wire insulation   white (solation black)     Amount stands (wire)   42     Diameter of single wires   0,15 mm     Conductor type (wire)   strand dass 6     Traversing distance (C-track)   10 m @ 25 °C (I horizontal     Current load capacity (standard)   to IN VDE 0284-4     Current load capacity (standard)   2.5 kV @ 60 s     Min. operating temperature (fixed)   80 °C / 90 °C @ 10000 h Operation     Operating temperature (statc)   -40 °C     Mex. operating temperature (fixed)   80 °C / 90 °C @ 10000 h Operation     Operating temperature (fixed)   80 °C / 90 °C @ 10000 h Operation     Operating temperature (fixed)   | -  |  |
| Material jacket       PUR         Shore hardness jacket       90.5 Shore A         Freedom from ingredients (jacket)       5.9 mm         Outer-diameter (jacket)       5.9 mm         Tolerance outer diameter (jacket)       5.9 mm         Material wire insulation       PP         Amount wires       3         Outer diameter (jacket)       1.8 mm         Outer diameter insulation       1.8 mm         Outer diameter insulation       1.8 fm         Outer diameter insulation       1.8 fm         Shore hardness wire insulation       1.84 fme, cadmium-free, CFC-free, halogen-free, silicone-free         Printing color of wire insulation       Head free, cadmium-free, CFC-free, halogen-free, silicone-free         Printing color of wire insulation       Head free, cadmium-free, CFC-free, halogen-free, silicone-free         Anount strands (wire)       42         Diameter of single wires       0.15 mm         Conductor wire       Stranded copper wire, bare         Conductor traves (wire)       0.75 mm?         Material conductor wire       Strand class 6         Traversing distance (Inceonstant wire)       1.0 IN VDE 0289.4         Current load capacity (standard)       to DIN VDE 0289.4         Cu  |  |  |
| Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       5,9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       3         Outer diameter insulation       1,85 mm         Outer diameter insulation       1,85 mm         Outer diameter insulation       1,6 %         Shore hardness wire insulation       1,85 mm         Outer diameter of leaves swire insulation       white (solation black)         Amount strands (wire)       42         Diameter of sing wires       0,15 mm         Conductor crosssection (wire)       0,75 mm²         Conductor wire       Stranded copper wire, bare         Conductor type (wire)       Stranded copocity (min.  |  |  |
| Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free     Outer-diameter (jacket)   5.9 mm     Tolerance outer diameter (sheath)   2.5 %     Amount wires   3     Outer diameter insulation   1.85 mm     Outer diameter insulation   1.85 mm     Outer diameter insulation   1.85 mm     Outer diameter insulation   70 ± 5 Shore D     Ingredient teeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Printing color of wire insulation   white (isolation black)     Amount strands (wire)   42     Diameter of single wires   0.15 mm     Conductor rossection (wire)   0.75 mm <sup>2</sup> Conductor vive (wire)   strand class 6     Traversing distance (C-track)   10 m @ 25 °C [horizontal     Current load capacity min. wire   12 A     Electrical resistance line constant wire   26 Ωkm @ 20 °C     Nominal voltage power AC max.   300 V     Power fraquency withstand voltage power   2,5 kV @ 60 s     AC withstand voltage power (wite-wire)   2,5 kV @ 60 s     Min. operating temperature (tisket)   40 °C     Min. operating temperature (tisket)   25 °C     Operating temperature (tisket)   40 °C     Min. operating temperature (tisket)   40 °C <tr< td=""><td>-</td><td></td></tr<>   | -  |  |
| Outer-diameter (jacket)       5,9 mm         Tolerance outer diameter (cheath)       ± 5 %         Material wire insulation       PP         Amount wires       3         Outer diameter insulation       1.85 mm         Outer diameter insulation       ± 5 %         Shore hardness wire insulation       1.2 5 Nore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Printing color of wire insulation       white (isolation black)         Amount strands (wire)       42         Diameter of single wires       0,15 mm         Conductor type (wire)       stranded copper wire, bare         Conductor type (wire)       stranded copper wire, bare         Conductor type (wire)       stranded copper wire, bare         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 D/km @ 20 °C         Nominal voltage power (k/cre -wire)       2.5 kV @ 60 s <td>-</td> <td></td>  | -  |  |
| Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     3       Outer diameter insulation     1.85 mm       Outer diameter insulation     ± 5 %       Shore hardness wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     white (isolation black)       Amount stands (wire)     42       Diameter of single wires     0.15 mm       Conductor orssection (wire)     0.75 mm <sup>2</sup> Conductor viressection (wire)     0.75 mm <sup>2</sup> Conductor viressection (wire)     9.75 mm <sup>2</sup> Conductor viressection (wire)     0.75 mm <sup>2</sup> Conductor vires (C-track)     10 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 win, wire     12 A       Electrical resistance line constant wire     25 G/km @ 20 °C       Nominal voltage power (wire - wire)     2,5 KV @ 60 s       Min. operating temperature (static)     -40 °C       Max. operating temperature (static)     -40 °C       Operating temperature (stati   |  | -  |
| Material wire insulation       PP         Amount wires       3         Outer diameter insulation       1,85 mm         Outer diameter insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       white (isolation black)         Amount strands (wire)       42         Diameter of single wires       0.15 mm         Conductor crosssection (wire)       0,75 mm <sup>2</sup> Material conductor wire       Stranded copper wire, bare         Conductor vires       Stranded copper wire, bare         Conductor wire)       strande class 6         Traversing distance (C+track)       10 m @ 25 °C   horizontal         Current load capacity min. wire       12 A         Electrical resistance ine constant wire       26 Ωkm @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - wire)       2,5 kV @ 60 s         Min. operating temperature (statc)       40 °C         Max. operating temperature (statc)  |  | ·  |
| Amount wires       3         Outer diameter insulation       1.85 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       white (isolation black)         Amount strands (wire)       42         Diameter of single wires       0.15 mm         Conductor crosssection (wire)       0.75 mm <sup>2</sup> Conductor vive insulation       white (isolation black)         Material conductor wire       Stranded copper wire, bare         Conductor crosssection (wire)       0.75 mm <sup>2</sup> Conductor type (wire)       strand class 6         Traversing distance (C-track)       10 m @ 25 °C [horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity withstand voltage power (wire - wire)       2,5 kV @ 60 s         Minia voltage power AC max.       300 V         Power frequency withstand voltage power (wire - wire)   | · · · · ·                                |  |
| Outer diameter insulation       1,85 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Prining color of wire insulation       white (isolation black)         Amount strands (wire)       42         Diameter of single wires       0.15 mm         Conductor crossection (wire)       0.75 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       10 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       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power       2,5 kV @ 60 s         Min. operating temperature (fixed)       40 °C / 90 °C @ 10000 h Operation         Operating temperature (fixed)       80 °C / 90 °C @ 10000 h Operation  |  |  |
| Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       Iead-Free, cadmium-free, CFC-free, halogen-free, silicone-free         Printing color of wire insulation       white (isolation black)         Amount strands (wire)       42         Diameter of single wires       0.15 mm         Conductor cossection (wire)       0.75 mm <sup>2</sup> Conductor type (wire)       stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       10 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (standard)       to DIN VDE 049-4         Cechcia presistance line constant wire       26 Ωkm @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power       2,5 kV @ 60 s  |  |  |
| Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Printing color of wire insulation       white (isolation black)         Amount strands (wire)       42         Diameter of single wires       0.15 mm         Conductor cosssection (wire)       0.75 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       10 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity withstand voltage power       25 kV @ 60 s         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)       -40 °C         Operating temperature (static)       -60 °C         Max. operating temperature (stacd)       80 °C / 90 °C @ 10000 h Operation   |  | )  |
| Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crossection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)26 Ω/rm @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power<br>(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 (static)80 °C / 90 °C @ 10000 h OperationFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceDivel HN 60811-404   Good, application-related testingOil resistanceDi VLet diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Min.So volter diameterNo.Corrent cyclesse2 Min.Corrent cyclesse2 Min.Corrent cyclesse2 No.Corre   |  |  |
| Printing color of wire insulation       white (isolation black)         Amount strands (wire)       42         Diameter of single wires       0,15 mm         Conductor crossection (wire)       0,75 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       10 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Contextand voltage power A(max.       300 V         Adwithstand vo  |  |  |
| Amount strands (wire)42Diameter of single wires0.15 mmConductor crosssection (wire)0.75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)stranded copper wire, bareCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sMin: operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOll resistanceGood, application-related testingGasoline resistanceGood, application-related testingOll resistanceDiv Outer diameterBending radius (fixed)5 x Outer diameterBending radius (fixed)5 x Outer diameterN   |  | -  |
| Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sMire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (static)-25 °COperating temperature (static)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOll resistanceGood, application-related testingOll resistanceGood, application-related testingOll resistanceJN NE N6811-404   Good, application-related testingBending radius (fixed)5 × Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min  | -  |  |
| Conductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ø/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power<br>(wire - jacket)2,5 kV @ 60 sAc withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (fixed)40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceDIN NE 60811-404   Good, application-related testingBending radius (fixed)5 x Outer diameterNo. of torsion cycles2 Mino.No. of torsion cycles2 Mino.Torsion speed35 cycles/min  | · · ·                                    |  |
| Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1000   IEC 60332-2-2   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 × Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min  | -  |  |
| Conductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (min. (dynamic))-25 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1000   IEC 60332-2-2   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 diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min  |  |  |
| Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature (ixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)-25 °COil resistanceGood, application-related testingGasoline resistanceU L 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2Chemical resistanceGood, application-related testing <t< td=""><td></td><td></td></t<>   |  |  |
| Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Q/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceGood, application-related testingGasoline 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 diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min   |  |  |
| Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power<br>(wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090   IEC 60332-2-2   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 diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min  |  |  |
| Electrical resistance26 Q/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power<br>(wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090   IEC 60332-2-2   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 diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min  |  |  |
| Nominal voltage power AC max.300 VPower frequency withstand voltage power<br>(wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090   IEC 60332-2-2   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 diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min  |  |  |
| Power frequery<br>(wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090   IEC 60332-2-2   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 diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min  |  |  |
| (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090   IEC 60332-2-2   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 diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min   |  | 300 V  |
| Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090   EC 60332-2-2   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 diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min   | (wire - jacket)                          |  |
| 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 OperationFlame resistanceUL 1581 § 1090   IEC 60332-2-2   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 diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min   |  |  |
| Operating temperature min. (dynamic)     -25 °C       Operating temperature max. (dynamic)     80 °C / 90 °C @ 10000 h Operation       Flame resistance     UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2       chemical resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing       Oil resistance     DIN EN 60811-404   Good, application-related testing       Bending radius (fixed)     5 x Outer diameter       Bending radius (dynamic)     10 x Outer diameter       No. of torsion cycles     2 Mio.       Torsion speed     35 cycles/min   |  |  |
| Operating temperature max. (dynamic)     80 °C / 90 °C @ 10000 h Operation       Flame resistance     UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2       chemical resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing       Oil resistance     DIN EN 60811-404   Good, application-related testing       Bending radius (fixed)     5 x Outer diameter       Bending radius (dynamic)     10 x Outer diameter       No. of torsion cycles     2 Mio.       Torsion speed     35 cycles/min   |  |  |
| Flame resistanceUL 1581 § 1090   IEC 60332-2-2   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 diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min   |  |  |
| 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 cycles2 Mio.Torsion speed35 cycles/min  |  |  |
| Gasoline resistance     Good, application-related testing       Oil resistance     DIN EN 60811-404   Good, application-related testing       Bending radius (fixed)     5 x Outer diameter       Bending radius (dynamic)     10 x Outer diameter       No. of torsion cycles     2 Mio.       Torsion speed     35 cycles/min   |  |  |
| Oil resistance     DIN EN 60811-404   Good, application-related testing       Bending radius (fixed)     5 x Outer diameter       Bending radius (dynamic)     10 x Outer diameter       No. of torsion cycles     2 Mio.       Torsion speed     35 cycles/min   |  |  |
| Bending radius (fixed)     5 x Outer diameter       Bending radius (dynamic)     10 x Outer diameter       No. of torsion cycles     2 Mio.       Torsion speed     35 cycles/min   |  |  |
| Bending radius (dynamic)   10 x Outer diameter     No. of torsion cycles   2 Mio.     Torsion speed   35 cycles/min   | Oil resistance                           | DIN EN 60811-404   Good, application-related testing |
| No. of torsion cycles   2 Mio.     Torsion speed   35 cycles/min  | Bending radius (fixed)                   | 5 x Outer diameter                                   |
| Torsion speed 35 cycles/min   | Bending radius (dynamic)                 | 10 x Outer diameter                                  |
|   | No. of torsion cycles                    | 2 Mio.   |
| Torsion stress ± 180 °/m  | Torsion speed                            | 35 cycles/min  |
|   | Torsion stress                           | ± 180 °/m  |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no