

## M12 male 90° / M8 female 0° A-cod.

PUR 3x0.25 gy UL/CSA 2m

## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male 90° - female straight

M12 – M8, 3-pole

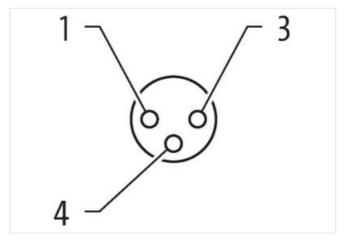
Plastic housings with good resistance against chemicals and oils.

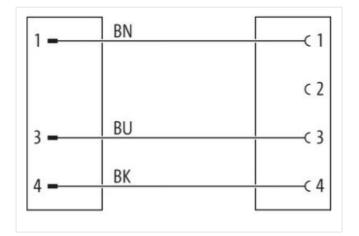
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

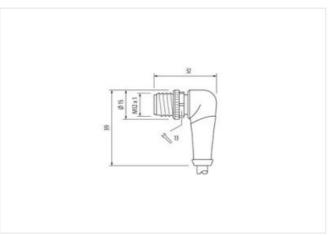
## Link to Product

Illustration



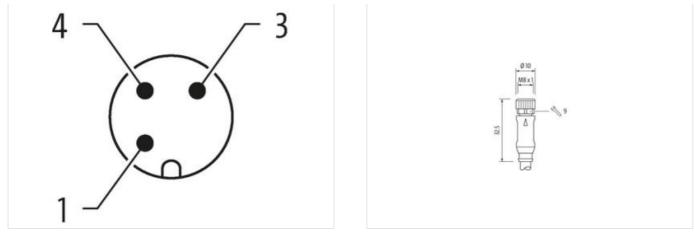






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-28





Product may differ from Image



Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
Material	PUR
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879158848
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V

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Concerts operating per contact max.     4 A       Device production [Electrical     Inserted, serveed       Additional conting producting per contact max.     1,5 kV       Machanical data [Mounting data]     Inserted, serveed       Cataling of tilling in inkel plated     Inserted, serveed, Shaking protection       Machanical data [Mounting data]     Inserted, serveed, Shaking protection       Environmentia characteristics [Climability]     Inserted, serveed, Shaking protection       Environmentia characteristics [Climability]     Inserted, serveed, Shaking protection       Environmentia characteristics [Climability]     Bif C       Additional contino therperature max.     Bif C       Catality Streppe age on catale quality     Inserted, serveed, Shaking protection       Environmentia characteristics [Climability]     Evolution       Catality Streppe age on catale quality     Inserted, serveed, Shaking protection       Evolution temperature max.     Bif C       Catality Streppe age on catale quality     Inserted, serveed, Shaking protection       Streppe age on catale quality     Inserted, serveed, Shaking protection       Catality Streppe age on catale quality     Inserted, serveed, Shaking protection       Catality Streppe     20	Operating voltage DC max.	250 V
Device protection   Electrical       Additional condition protection degree     instrudt, screwed       Retaid auge voltage     1.5 KV       Retaid auge voltage     The de plated       Material screwer connection     Zin de casting       Material action connection     Zin de casting       Operating temperature max.     26 °C       Additional condition temperature range     depending on cable quality       District Topic     20       Cable Type     2       Cable Type     2 <		
Additional condition protection degree     inserted, correved       Tated surge vottage     1, s/V       Machinal calcula Material arcsw connection     Zinc dia-casting       Material arcsw connection     Zinc dia-casting       Machinal calcula flowting data     Inserted, sorewed, Shaking protection       Environmental characteristics [Climatic Environmental characteristics [Climatic Envis Envistics [Climatic Environmental characteristics [Clim		
Rated surge voltage     1.5 kV       Mechanical data [Material data     Inc. (A particular of thing)     nickel platted       Material screw connection     Zric die casting     Mechanical data [Mouring data       Muruning methanical data [Mouring data     Incented, Strawd, Shaking protection     Environmental characteristice [Climatic       Operating temperature min.     25 °C     Operating temperature min.     25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Installation [Cable     20     Cable deminition (Cable Carlow)     20       Cable deminition (Cable Carlow)     20     Cable Carlow)     21       Dirac Carlow)     9 wine wised     30     30       Manual Stranding     1     Stranding     30 <td></td> <td>incorted corpued</td>		incorted corpued
Mechanical data   Material data     incide plated       Canding of lifting     Rickel plated       Metralial crew consention     Zin c die cassing       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Exvironmental characteristics   Climate     Zin C       Operating imprestature min.     85 °C       Additional confities Imprestature max.     85 °C       Additional confities Imprestature max.     85 °C       Additional confities Imprestature max.     85 °C       Cassi confities Imprestature max.     85 °C       Additional Confities Imprestature max.     85 °C       Cassi confities Imprestature max.     85 °C       Cassi confities Imprestature max.     85 °C       Cassi confities Imprestature max.     80 °C       Additional Confities Imprestature max.     80 °C       Data Color     97 °C       Data Color     97 °C       Anount stranding     97 °C       Anount stranding     98 °C       No. of bunding cycles (Caska)     28 for OA       Freadom Tim mingroader to faination     96 °C       Cassi contenties faination     15 %       Castr		·
Cating of fitting     nickle plated       Material screw connection     Zin: de-casting       Maching method     inserted. screwed, Shaking protection       Environmental characteristics [Climatic     Concentration       Operating temperature min.     25 ° C       Operating temperature max.     85 ° C       Additional condition temporature range     depording on cable quality       Installation     20       Cable interfiscion     20       Cable interfiscion     20       Cable interfiscion     20       Cable interfiscion     20       Stranding     1       Note of castingto     20       Stranding     3 wise twistod       Weat argament     brown. black. bloe       No. of bonding yois (Crack)     2 Mode 25 °C       Cable weight     2 58 g m       Material plack     55 1 5 Shore A       Freedom thom ingredients (jackb)     Isad free, cadmium-free, CFC-free, allcone free       Operating weight     25 %       Cader instruct (weight     3 °S       Cader instruct (weight)     1 5 %       Material properties wein insulation		I,5 KV
Material screw connection     Zinc die casting       Mechnicia dial j Mounting data       Mounting muthod     insertat, screwad, Shaking protection       Environmental characteristics   Climatic     Climatic       Operating temporature max.     25 °C       Additional condition temporature range     depending on cable quality       Installation ( Cable     Climatic       Cable Inform     20       Cable Inform     gray       Type of Centification     Cliffus       Operating temporature max.     85 °C       Additional condition     20       Cable Inform     gray       Type of Centification     Cliffus       Operating temporature max.     85 %C       Anount stranding     1       Stranding     3 Wres twisted       Wree arrangement     brown, black, blue       No. of bending cycles (C1rack)     2 Mo @ 25 °C       Cable weigh     28.6 2 grm       Material lackat     FUR       Store hadrows glackat     85.1 5 Shore A       Freedom Yom forgethers (backh)     4.5 %       Material socie cadinumetrice, CFC-free, silicone-free	Mechanical data   Material data	
Mechanical data   Mounting data     Inserted, scrowed, Shaking protoction       Environmental characteristics   Olimatic     Operating temperature min.     25 ° C       Operating temperature max.     85 ° C     Additional condition temperature may.     depending on cable quality       Installation   Condition temperature may.     85 ° C     Conditional condition temperature may.     200       Cable fortpre     2     Conditional condition temperature may.     200       Cable fortpre     2     Conditional condition temperature may.     200       Cable fortpre     2     Conditional condition (Conditional Conditional Condi	Coating of fitting	nickel plated
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     25° C       Operating temperature max.     85° G       Additional condition temperature range     depending temperature max.       Cable identification     20       Cable iteration     20       Cable Topic     gray       Type of Caffitate     clifus       Amount stranding     1       Stranding     wires twisted       vire arrangement     brown, black, blue       No. of bending cycles (C-track)     2 Min. @ 25° C       Cable medition     262 gr m       Material jocket     PUR       Shore hardness jacket     81 5 Shore A       Ported functioneles (scakt)     43 stram       Outer diameter (scakt)     4.3 rm       Cable meight     5 %       Material jocket     9VC       Amount wires     3       Outer diameter insulation     1.5 mm       Outer diameter insulation     1.5 %       Material properiser wire insulation     1.5 %       Shore hardness wire insulation     2.5 mm       <	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Addional condition temperature range     depending on cable quality       Instilation   Cable     220       Cable information temperature range     220       Jacket Color     gray       Type of Carificata     cuPus       Anound stranding     1       Stranding     26.62 µm       Material probe Stranding Stranding     1       Stranding Stranding     1       Toterance cube diamoter (shealt)     ± 5	Mechanical data   Mounting data	
Operating temperature min25 ° COperating temperature max.85 °CAdditional condition temperature max.85 °CAdditional condition temperature may.85 °CCable Condition temperature may.85 °CCable Type2Cable Type2Cable Type2Jacket ColorgrayType of ContributeURsusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)2 Mo. Ø 25 °CCable weigh26.82 g/mMaterial jacketPURStore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)Isa-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (idackit)4.3 mmCable maineter (idackit)1.5 %Material properties wire insulation9.2 Sore DOuter diameter triendution4.3 ± 5 Shore DMaterial properties wire insulation4.3 ± 5 Shore DOuter diameter (idackit)4.3 ± 5 %Store hardness wire insulation4.3 ± 5 Shore DMaterial properties wire insulation4.5 ± 5 Shore DMaterial properties wire insulation4.5 ± 5 Shore DMaterial properties wire insulation1.25 mmCurret diad capacity	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.     85 °C       Additional condition temperature may     depending on cable quality       Installation (Cable     200       Cable Institution (Cable (Cambra))     2       Cable Institution (Cable (Cambra))     2       Jacket Color     gray       Type of Cartificate     cURus       Annount stranding     1       Stranding     3 wires twiated       wire arrangement     brown, black, blue       No. of bending cycles (C-track)     2 Mo. @ 25 °C       Cable weight     26.62 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Feedom from ingredients (jacket)     4.3 mm       Caler-diameter (jacket)     4.3 mm       Outer diameter (jacket)     4.3 mm       Caler-diameter (jacket)     4.3 frem       Outer diameter (jacket)     4.3 frem       Outer diameter (jacket)     4.3 ± 5 Shore A       Shore hardness wire insulation     1.25 °m       Outer diameter (jacket)     4.3 mm       Caler diameter (jacket)     4.3 ± 5 Shore D       Material properise wire insulation	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Installication     Cable       Cable identification     20       Cable Type     2       Jacket Color     gray       Type of Certificate     CURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       No. of bonding cycles (C-track)     26,62 g/m       Material jacket     PUR       Shore hardness jacket     82 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4.3 mm       Tolerance outer diamoter (sheath)     2 5 %       Outer diameter insulation     PVC       Amount stranding     1.25 mn       Outer diameter insulation     1.25 mn       Outer diameter insulation     43 ± 5 %       Shore barchess wire insulation     43 ± 5 %       Shore barchess wire insulation     43 ± 5 %       Couler diameter folderace outer environ insulation     2 6 5 mr <sup>2</sup> Material properties wire insulation     9 20 mr <sup>2</sup>	Operating temperature min.	-25 ℃
Installation   Cable       Cable identification     220       Cable Type     2       Cable Type     2       Cable Coor     gray       Type of Carificata     cuFlus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       No: of bonding cycles (C-track)     2 blis, © 2 S °C       Cable weight     26,82 grm       Material jasket     PUF       Shore hardness jackat     85 ± 5 S hore A       Freedom from ingredients (gack)     43 mm       Tolerance outer diameter (gacket)     43 mm       Tolerance outer diameter (lacket)     4 3 mm       Outer diameter tolerance ore insulation     PVC       Amount wires     3       Outer diameter tolerance ore insulation     25 %       Shore hardness wire insulation     god machinability       Ingredient treenses wire insulation     god machinability       Ingredient treenses wire insulation     god St mi <sup>2</sup> Diamater of aringe wires     0,125 mm <sup>2</sup> Material properties wire insulation     god St mi <sup>2</sup>	Operating temperature max.	85 °C
Cable identification220Cable identificationgrayType of CertificatecURusAnnount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)2 Mo. @ 25 °CCable weight26.62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.3 mmTolerance outer diameter (sheath)± 5 %Material jacketPUROuter diameter oor insulation1,25 mmOuter diameter oor insulation1,25 mmOuter diameter oor insulation± 5 %Shore hardness wire insulation4.3 ± 5 Shore DMaterial properties wire insulation1,25 mmOuter diameter loterance oor insulation± 5 %Shore hardness wire insulation4.3 ± 5 Shore DMaterial properties wire insulation16 d-free, cadmium-free, CFC-free, silicone-freeAmount wires3Outer diameter loterance oor insulation± 5 %Shore hardness wire insulation1.25 mmOuter diameter loterance oor insulation± 5 %Shore hardness wire insulation1.25 mmOuter diameter loterance oor insulation± 6 %Material properties wire insulation1.25 mmOuter diameter loterance oor insulation± 7 %Shore hardness wire insulation1.25 mmConductor viewStranded copper wire, bare	Additional condition temperature range	depending on cable quality
Cable Type2Jacket ColorgrayType of CertificatecURusAmount standing1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)2 Mo. @ 25 ° CCable weigh26.82 g/mMaterial jacketPURStrandingiead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.3 mmTolerance outer diameter (sheath)1.5 %Material jacket sinsulationPVCAmount strands3Outer diameter insulation1.25 mmOuter diameter insulation1.	Installation   Cable	
Cable Type2Jacket ColorgrayType of CertificateURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)2 Mo. @ 25 °CCable weight26.62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (jacket)4.3 mmTolerance outer diameter (sheath)± 5 %Shore hardness over diameter (jacket)3 aOuter diameter insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter insulation1.25 mmCandeuce or onsulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.25 mmCandeuce or onsulation1.25 mmCandeuce or onsulation<	Cable identification	220
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arangementbrown, black, blueNo. of bending cycles (C-track)2 Mo. $@ 25 \ ^{\circ}$ CCable weigh26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter (sheath)± 5 %Shore hareness wire insulation1.25 mmOuter diameter lolerance core insulation± 5 %Shore hareness wire insulation9.26Outer diameter lolerance core insulation± 5 %Shore hardness jie wire insulation9.26Outer diameter (sheath)± 6 %Shore hardness wire insulation9.26Outer diameter (sheath)± 5 %Shore hardness wire insulation1.25 mmOuter diameter struktion9.00 machinabilityIngredient freeness wire insulation1.25 mmCardudor crossection (wire)0.25 mm²Material properties wire insulation1.25 mm²Conductor type (wire)5 rand class 6Traversing distance (C-track)5 m @ 25 °C   rior. talConductor type (wire)5 rand class 6Traversing distance (C-track)5 m @ 25 °C   horizontalCurrent load capacity tim, wire4.5 AElectrical resistance line constant wire7.9 Ωkm @ 20 °CN		
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)2 Mo. @ 25 °CCable weight26.62 g/mMaterial jacktPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.3 mmTolerance outer diameter (health)± 5 %Material jacktPVCAmount wires3Outer diameter (isoket)± 5 %Shore hardness wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulationgood machinabilityIngredient freeness wire insulation125 mmConductor crossection (wire)0.25 mm²Conductor crossection (wire)0.25 m²Conductor type (wire)stranded coper wire, bareConductor type (wire) <td></td> <td>grav</td>		grav
Amount stranding   1     Stranding   3 wires twisted     Stranding   3 wires twisted     Stranding cycles (C-track)   2 Mo. @ 25 °C     Cable weight   26.62 g/m     Material jacket   PUR     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   Lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   4,3 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter Insulation   1,25 mm     Outer diameter Insulation   43 ± 5 Shore D     Material wire insulation   43 ± 5 Shore D     Material properties wire insulation   43 ± 5 Shore D     Material properties wire insulation   162 mm     Amount strands (wire)   32     Diameter of single wires   0,1 mm     Conductor type (wire)   Stranded copper wire, bare     Canductor type (wire) <td< td=""><td></td><td></td></td<>		
Stranding   3 wires twisted     wire arrangement   brown, black, blue     No. of bending cycles (C-track)   2 Mio. @ 25 °C     Cable weight   26.62 g/m     Material jacket   PUR     Shore hardness jackt   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer diameter (jacket)   4.3 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Armount wires   3     Outer diameter insulation   1.25 mm     Outer diameter insulation   4.3 ± 5 %     Shore hardness wire insulation   4.3 ± 5 %     Shore hardness wire insulation   4.3 ± 5 %     Material properties wire insulation   4.3 ± 5 %     Material properties wire insulation   4.3 ± 5 %     Bardeness wire insulation   good machinability     Ingredient Heneess wire insulation   4.3 ± 5 %     Diameter of single wires   0.1 mm     Conductor crosssection (wire)   0.25 mm²     Material conductor wire   Stranded copper wire, bare     Conductor wire)   0.25 mm²     Material conductor		
wire arrangementbrown, black, blueNo. of bending cycles (C-track)2 Mio. @ 25 °CCable weigth26.62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.3 mmTolerance outer diameter (sheath)± 5 %Material jackitPVCAmount wires3Outer diameter insulationPVCAmount wires3Outer diameter or insulation1.25 mmOuter diameter insulation43 ± 5 Shore DMaterial wire insulationgood machinabilityIngredient freeness wire insulationgood machinabilityIngredient freeness wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Diameter of single wires0.1 mmConductor or sessection (wire)0.25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 0.Km @ 20 °CNominal voltage power (Kme - wire)2 kV @ 60 sMin. operating temporature (kited)80 °C		
No. of bending cycles (C-track)   2 Mio. @ 25 °C     Cable weigth   26.62 g/m     Material jacket   PUR     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer diameter (jacket)   4.3 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter rolerance core insulation   1.25 mm     Outer diameter tolerance core insulation   4.3 ± 5 %     Material wire insulation   4.3 ± 5 Shore D     Material wire insulation   god machinability     Ingredient freeness wire insulation   god machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   32     Diameter of single wires   0,1 mm     Conductor crossection (wire)   0.25 mm²     Material conductor type (wire)   stranded copper wire, bare     Conductor type (wire)   stranded copper wire, bare     Conductor type (wire)   strand class 6     Traversing distance (C-track)   5 m @ 25 °C   horizontal		
Cable weigth26.62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgod machinabilityIngredient free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Conductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 QKm @ 20 °CNominal voltage power (XC max.300 VPower frequency withstand voltage power (Wire - Wire)2 kV @ 60 sAC withstand voltage power (Wire - Wire)2 kV @ 60 sMin. operating temperature (fixed)80 °C		
Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-tree, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4,3 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     3       Outer diameter tolerance core insulation     1,25 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     93 ± 5 Shore D       Material properties wire insulation     good machinability       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     32       Diameter of single wires     0,1 mm       Conductor rwire     Stranded copper wire, bare       Conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Traversing distance (C-track)     5 m @ 92 °C   horizontal       Current load capacity (standard)     to DIN VDE 0298.4       Current load capacity (standard)     to DIN VDE 0298.4       Current load capacity withistand voltage power     2 kV @ 60 s <td></td> <td></td>		
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.3 mmTolerance outer diameter (shealth)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation4.3 ± 5 Shore DMaterial wire insulationgood machinabilityIngredient freeness wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor wireStranded copper wire, bareConductor vipe (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontalCurrent load capacity min, wire4,5 AElectrical resistance line constant wire79 Q/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °C		-
Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   4,3 mm     Tolerance outer diameter (shealth)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   1.25 mm     Outer diameter insulation   ± 5 %     Shore hardness wire insulation   43 ± 5 Shore D     Material properties wire insulation   good machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   32     Diameter of single wires   0,1 mm     Conductor rowsection (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 IN VDE 0298-4     Current load capacity (standard)   to IN VDE 0298-4     Current load capacity win, wire   4,5 A     Electrical resistance line constant wire   79 ΩKm @ 20 °C     Nominal voltage power AC max.   300 V     Power frequency withstand voltage power (wire - wire) <t< td=""><td></td><td></td></t<>		
Outer-diameter (jacket)   4,3 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   43 ± 5 Shore D     Material properties wire insulation   good machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   32     Diameter 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 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 - wire)   2 kV @ 60 s     AC withstand voltage power (wire - wire)   2 kV @ 60 s     AC withstand voltage power (wire - wire)   2 kV @ 60		
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   1,25 mm     Outer diameter insulation   ± 5 %     Shore hardness wire insulation   43 ± 5 Shore D     Material properties wire insulation   good machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   32     Diameter of single wires   0,1 mm     Conductor rosssection (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 withstand voltage power AC max.   300 V     Power frequency withstand voltage power (wire - wire)   2 kV @ 60 s     AC withstand voltage power (wire - wire)   2 kV @ 60 s     Min. operating temperature (static)   -30 °C     Max. operating temperature (fixed)   80 °C		
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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 kV @ 60 s     AC withstand voltage power (wire - wire)   2 kV @ 60 s     Min. operating temperature (static)   -30 °C     Max. operating temperature (fixed)   80 °C		
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(wire - jacket) 2 kV @ 60 s   AC withstand voltage power (wire - wire) 2 kV @ 60 s   Min. operating temperature (static) -30 °C   Max. operating temperature (fixed) 80 °C		
Min. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °C	(wire - jacket)	-
Max. operating temperature (fixed) 80 °C		
Operating temperature min. (dynamic) -5 °C		
	Operating temperature min. (dynamic)	-5 °C

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: 2024-04-28



Operating temperature max. (dynamic)	80 °C
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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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