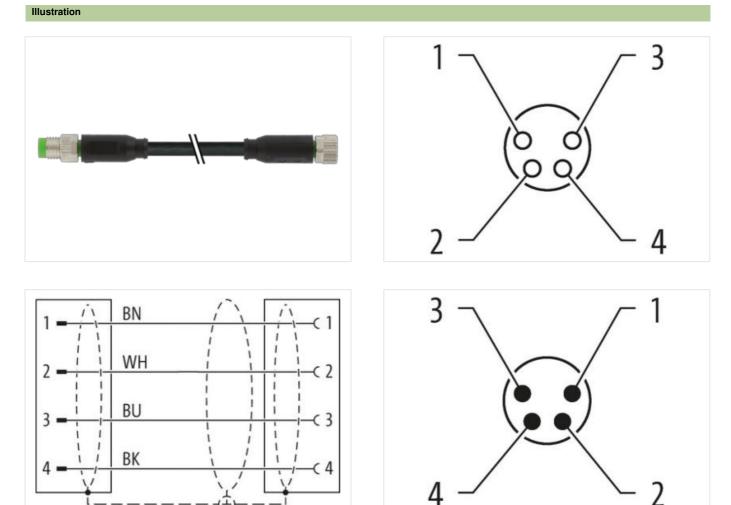


## M8 male $0^\circ$ / M8 female $0^\circ$ A-cod. shielded

PUR 4x0.34 shielded bk UL/CSA+drag ch. 5m

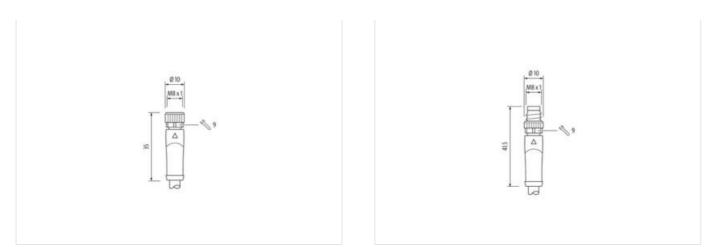
Male straight – female straight M8 – M8, 4-pole shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



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: 2024-04-20 Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk





Product may differ from Image



Cable length	5 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $Ø$ )	8,5 mm
No. of poles	4
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
No. of poles	4
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	4048879518994
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A

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Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



## Device protection | Electrical

Degree of protection (EN IEC 08629)IPE, IPE, IPE, IPE, IPE, IPE, IPE, IPE,	Device protection   Electrical	
PAULION Degree       1         Rated surge voltage       1.5 kV         Rated surge voltage       1.5 kV         Mechanical data       Mechanical data         Control Docting not       nickal plated         Locking screw coaling       nickal plated         Material rousing rout       nickal plated         Material rousing       PUR         Locking num raterial       Zon dis-casting         Locking num raterial       Roo dis-casting         Locking num raterial acew       Bras         Mechanical data (Mounting data       Mechanical characteristics [Climatic         Constrain temperature max.       85 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Contronty       Product standard         Product standard       Dis N 1078-2-114 (MR)         Material group (Cable       Cable control         Cable for type       3         Cable for ty	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Patter surge voltage       1,5 kV         Material group (IEC 60664-1)       i         Material pools (IEC 60664-1)       i         Material pools (IEC 60664-1)       i         Material pools (IEC 60664-1)       inckel plated         Locking sortw coaling       nickel plated         Material pools (IEC 60664-1)       FKM         Material pools (IEC 6066       FKM         Experime summarial characteristics (Elimatic       FKM         Operating temperature max.       85 °C         Adstrontic temperature range       depending on cable quality         Conformity       FV         Pools transde       DIN EN 61076-2-114 (M8)         Instation (Cable       GAI         Cable toledification       G41         Cable toledification       G41         Cable toledification       G41         Cable toledification       G41	Additional condition protection degree	inserted, screwed
Material group (IEC 80684-1)       1         Mechanical data (Material data         Caching Locking and       nickel plated         Material group       nickel plated         Material group       PUR         Material group       PUR         Locking num in material       Znc dis-casting         Locking num in reav       Prase         Mechanical data (Mounting data       Mounting nethod         Environmental characteristics (Climate       Common temperature nin.         Operating temperature nin.       -25 °C         Conternity       Product added         DIN EN 61076-2-114 (M8)       Installation (Cable dentification         Installation (Cable dentification       641         Cable dentification       641         Cabl	Pollution Degree	3
Mechanical data   Material dataCasing jocking nutnickel platedCasing jocking nutnickel platedMaterial posingPKMMaterial posingZm die casingLocking mut materialZm die casingLocking mut material screwBrassMechanical data   Mounting dataInserted, screwed, Shaking protectionEnvironmental characteristics   ClimateEnvironmental characteristics   ClimateConformityFolduct stardDist N to 1076 2: 114 (M8)Instatics   ClimateInstatics   ClimateInstatics   ClimateCable identificationGale identificationGale identificationInstatics   ClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimate <td></td> <td>1,5 kV</td>		1,5 kV
Cacking locking nutnickle jatkedLocking soew coatingnickle jatkedMaterial gaskeFKMMaterial paskingPURLocking nut materialZinc die ceatingLocking nut materialZinc die ceatingLocking material soewBrassMurting mefhodInserted. soewed. Shaking protectionPersonand Loharoetteristies [ClimaticOperating temperature min.25 °COperating temperature max.88 °CAddinonal condition temperature rangeBeendering on cable qualityContomityProtosDin EN 1076-2-114 (M8)Data informaticBes CCatolic dinfication641Cable identification641Cable identification641Cable identification10Standing1 verses waterialType Of Cartification0.000 versionType Of Cartification0.000 versionCable identification641Cable identification641Cable identification0.000 versionType Of Cartification0.000 versionType Of Cartification0.000 versionCable identification0.000 versi	Material group (IEC 60664-1)	I
Locking score coaling       nicket plated         Material pasket       FMA         Material pasket       Brass         Machinical data [Mounting data]       Inserted, screwed, Shaking protection         Environmental characteristics [Climatic       Operating temperature max.         Operating temperature max.       85 °C         Operating temperature max.       85 °C         Additional condition temperature range       deperding on cable quality         Conformity       Product standsd         Din Ex 100°C2       Din Ex 10°C2-2114 (M8)         Installation 1 Gabie       Cable Type         Cable Type       3         Jacket Color       black         Type of Certificate       cURus         Anount straining       1         Stranding       4 wives twisted         Cable shielding (coverage)       80 %         Banding       Fleece, Foll         Write arrangemont       Brook, Rus, white         No. of banding views (coverage)       80 % Si & gim	Mechanical data   Material data	
Material position       FVM         Material housing       PUR         Locking multimaterial       Zino Gia-cataing         Locking material screw       Brass         Mechanical data   Mounting data       Mounting matherial screw         Mounting matherial screw       Brass         Mechanical data   Mounting data       Mounting matherial screw         Munting matherial screw       Brass         Mechanical data   Mounting data       Mounting matherial screw         Operating temperature max.       26 °C         Additional condition temperature range       depending on cable quality         Conternity       Product standard         Product standard       DN EN 61076-2-114 (M8)         Installation   Gable       Cable information         Cable information       641         Cable Type       3         Jacket Color       black         Type of Cartificate       QURus         Amount stranding       1         Stranding       4 wires twisted         Cable indiving (rycevage)       80 %         Banding       Fleece, Foil         wire arrangement       Elsex, Foil withe         Nor bending cycles (C-track)       <	Coating locking nut	nickel plated
Material housing       PUR         Locking nutrinaterial       Zinc die-casting         Locking material screw       Brass         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature main.       25 °C         Operating temperature main.       85 °C       Additional condition temperature main.       85 °C         Additional condition temperature main.       85 °C       Additional condition temperature main.       85 °C         Conformity       Product standard       DIN EN 61076-2-114 (M8)       Inserted and Conformity         Product standard       DIN EN 61076-2-114 (M8)       Inserted and Conformity       Inserted and Conformity         Product standard       DIN EN 61076-2-114 (M8)       Inserted and Conformity       Inserted and Conformity         Product standard       DIN EN 61076-2-114 (M8)       Inserted and Conformity       Inserted and Conformity         Product standard       DIN EN 61076-2-114 (M8)       Inserted and Conformity       Inserted and Conformity         Data Color       Data Standard       Operating the standard       Inserted and Conformity       Inserted and Conformity         Standard Standard       DIN EN 61076-2-114 (M8)       Insered and Conformit	Locking screw coating	nickel plated
Locking nut material       Zinc die-casting         Locking material screw       Brass         Mechanical data   Mouning data       Mouning method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Additional condition temperature mar.       45 °C         Catole standard       Dike N6 1076-2-114 (M8)         Exablation Cable       Exablation Cable         Cable Standard       Dike N6 1076-2-114 (M8)         Exablation Cable       Exablation Cable         Cable Standard       Dike N1076-2-114 (M8)         Exablation Cable       Exablation Cable         Cable Standard       Dike N1076-2-114 (M8)         Exablation Cable       Exablation Cable         Cable Standard       Operating temperature mark         Standard       CuPrus         Standard       Uprus         Standard       Operus train din m	Material gasket	FKM
Locking material screw       Brass         Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.       -25 °C         Operating temperature max.       65 °C       Operating temperature max.       65 °C         Additional condition temperature max.       65 °C       Operating temperature max.       65 °C         Contormity       Contormity       Product standard       DIN EN 61076-2-114 (M8)       Inserted screwed, Shaking protection         Installation   Cable       Cable chantification       641       Cable chantification       Gate         Cable chantification       641       Cable chantification       Gate       Cable chantification       Gate         Yape of Certificate       CURus       Anount stranding       1       Stranding       Gate shelding (coverage)       80 %         Beaning       Piece, Foil       Wrise breach       Gate       Gate shelding (coverage)       80 %         Beaning       Fleece, Foil       Wrise breach       Fleece, Foil       Gate shelding (coverage)       80 %       Stranding       Gate shelding (coverage)       80 % 5 Shore A       Freedom from ingredients (gate) <td>Material housing</td> <td>PUR</td>	Material housing	PUR
Mechanical data   Mounting data         Mounting method       insarted, screwed, Shaking protection         Environmental characteristics [ Climatic       28 °C         Operating temperature max.       85 °C         Additional condition temperature max.       85 °C         Contormity       Contomity         Product standard       Dit No f1076-2114 (M8)         Installation   Cable       23         Cable fortigita       641         Cable of Type       3         Cable of Colimate       UPus         Amount stranding       1         Stranding       4 wires twisted         Cable straiding (type)       copper braid, Inned         Cable straiding (cyles)       S0 %         Banding       Fleece, Foil         wire arrangement       brown, black, blue, white         No of bending cycles (C-track)       S0, 6 g/m         Material Jacket       PUR         Strand of Material Cable of S0, 6 g/m       Cable on S0, 6 g/m         Material Jacket       PUR	Locking nut material	Zinc die-casting
Mounting method       inserted, screwed, Shaking protoction         Environmental characteristics / Climatic       25 °C         Operating temperature max.       85 °C         Additional condition temperature may.       depending on cable quality         Conformity       Product standard         Product standard       DIN EN 61076-2.114 (M8)         Installation / Cable       Cable distribution         Cable distribution       641         Cable Type       3         Jacket Color       biack         Type of Confication       641         Cable Standarding       4 vires twisted         Additional (coverage)       80 %         Stranding       4 vires twisted         Cable shielding (toverage)       80 %         Banding       Fleece, Foil         wire arrangement       brow, black, blue, white         No. of bending cycles (C-track)       5 Mo. @ 25 °C         Cable weight       50.6 g/m         Material jackt       PUR         Shore hardness jackt       90 ± 5 Shore A         Freedom from ingredients (gackt)       Ied Free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer diameter (sheath)       ± 5 %	Locking material screw	Brass
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature may       depending on cable quality         Contomity       Environmental condition temperature may         Product standard       DIN EN 61076-2-114 (MS)         Installional Condition temperature may       641         Cable identification       641         Cable identification       641         Cable Color       black         Type of Cortificate       0URus         Amount standing       1         Stranding       4 wires twisted         Cable shielding (type)       copper braid, finned         Cable shielding (type)       copper braid, finned         Cable shielding (type)       60 %         Banding       Fleece. Foil         wire arrangement       brow, black. ble, white         No. of bending oycles (C-track)       5 Mo. @ 25 °C         Cable weight       50.6 g/m         Material jacket       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (glocket)       lead-free. cadmium-free, CFC-free, halogen-free, silicone-free <td>Mechanical data   Mounting data</td> <td></td>	Mechanical data   Mounting data	
Operating temperature min.:25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityDIN EN 61076-2-114 (M8)Installation   CableDIN EN 61076-2-114 (M8)Installation   CableCable (dentificationCable (dentification641Cable Type3Jacket ColorblackType of CertificatecUFusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of berding cycles (C+track)5 Mic. $Q$ 25 °CCable weigh50.6 g fmMaterial jacketPURShore A Free camburget (gacket)5.3 mmTolerance outer diameter (gacket)1.25 mmOuter diameter (gacket)5 %Material wire insulation79 ± 5 Shore DIngerdient fleeness wire insulation79 ± 5 Shore DCuter diameter (gacket)1.25 mmOuter diameter (gacket)1.25 mmOuter diameter (gacket)70 ± 5 Shore DIngerdient fleeness wire insulation70 ± 5 Shore DIngerdient freeness wire insulation70 ± 5 Shore D<	Mounting method	inserted, screwed, Shaking protection
Operating temperature min.:25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityDIN EN 61076-2-114 (M8)Installation   CableDIN EN 61076-2-114 (M8)Installation   CableCable (dentificationCable (dentification641Cable Type3Jacket ColorblackType of CertificatecUFusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of berding cycles (C+track)5 Mic. $Q$ 25 °CCable weigh50.6 g fmMaterial jacketPURShore A Free camburget (gacket)5.3 mmTolerance outer diameter (gacket)1.25 mmOuter diameter (gacket)5 %Material wire insulation79 ± 5 Shore DIngerdient fleeness wire insulation79 ± 5 Shore DCuter diameter (gacket)1.25 mmOuter diameter (gacket)1.25 mmOuter diameter (gacket)70 ± 5 Shore DIngerdient fleeness wire insulation70 ± 5 Shore DIngerdient freeness wire insulation70 ± 5 Shore D<	Environmental characteristics   Climatic	
Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conomity       INE N61076-2-114 (M8)         Installation   Cable       Cable identification         Cable identification       641         Cable solution       93         Jacket Coor       black         Type of Cartificate       cURus         Amount stranding       1         Stranding       4 wires twisted         Cable shielding (type)       cooper braid, timed         Cable shielding (cyperage)       80 %         Banding       Fleece, Foil         wire arrangement       brown, black, blue, white         No. of bending cycles (C-track)       50.6 g/m         Material jacket       PUR         Shore hardmess jacket       90 ± 5 Shore A         Freedom from ingredients (jacket) </td <td>· ·</td> <td>-25 °C</td>	· ·	-25 °C
Additional condition temperature range       depending on cable quality         Conformity       INI EN 61076-2-114 (M8)         Installation   Cable       DIN EN 61076-2-114 (M8)         Cable identification       641         Amount stranding       1         Stranding       4 wires twisted         Cable shielding (coverage)       80 %         Banding       Fleece, Foil         wire arrangement       Drown, black, blue, white         No. of bending cycles (C-track)       5 Mic @ 25 °C         Cable weigh       50.6 g/m         Material weir ingredients (acket)       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (acket)       5.3 mm         Caler-diameter (acket)       5.3 mm         Outer diameter (sheath)       1.5 %         <		
Conformity         Product standard       DIN EN 61076-2-114 (M8)         Installation   Cable       Cable (dentification         Cable (dentification)       641         Cable Type       3         Jacket Color       black         Type of Certificate       culRus         Amount stranding       1         Stranding       4 wires twisted         Cable shielding (type)       copper braid, finned         Cable shielding (coverage)       80 %         Banding       Fleece, Foil         wire arrangement       brown, black, blue, white         No. of bending cycles (C-track)       5 Mio. @ 25 °C         Cable weigth       50.6 g/m         Material jacket       PUR         Shore hardness jacket       PUR         Shore hardness jacket       PUR         Shore hardness jacket       PUR         Outer diameter (jacket)       5.3 mm         Toleranee outer diameter (jacket)       5.3 mm         Outer diameter (jacket)       1.25 mm         Cuter diameter (jacket)       5.5 %         Shore hardness wire insulation       1.5 %         Material wire insulation       1.25 mm		
Product standard       DIN EN 61076-2-114 (M8)         Installation   Cable         Cable identification       641         Cable identification       641         Cable identification       641         Cable identification       black         Type of Certificate       cURus         Amount Stranding       1         Stranding       4 wires twisted         Cable shielding (type)       copper braid, finned         Cable shielding (type)       50.6 g/m         No. of bending cycles (C-track)       5 Mo. @ 25 °C         Cable shielding cycles (C-track)       5 Mo. @ 25 °C <td></td> <td></td>		
Installation   Cable         Cable Identification       641         Cable Identification       641         Cable Identification       black         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires twisted         Cable shielding (type)       copper braid, tinned         Cable shielding (coverage)       80 %         Banding       Fleece, Foil         wire arrangement       brown, black, blue, white         No. of bending cycles (C-track)       5 Mo. @ 25 °C         Cable weigh       50.6 g/m         Material jacket       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (jackel)       lead-free, cadmium-free, CFC-free, halogen-free         Outer diameter (jacket)       5.3 mm         Tolerance outer diameter (sheath)       ± 5 %         Matorial wire insulation       PP         Amount strander       1.25 mm         Outer diameter insulation       1.25 sm         Outer diameter insulation       1.25 sm         Nore hardness wire insulation       1.25 shore D         Ingredient freeness wire insulation       1.25 sm </td <td></td> <td></td>		
Cable identification641Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50.6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (sheath)± 5 %Material jacketPPAmount wires4Outer diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient troeness wire insulation1.5 Shore DIngredient troeness wire insulation± 5 %Shore hardness wire insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1.25 Shore DIngredient freeness wire insulation1.25 Shore DIngredient freeness wire insulation1.5 Shor	Product standard	DIN EN 61076-2-114 (M8)
Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50.6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (jacket)5.3 mmTolerance outer diameter (sheath)± 5 %Material jacketPPAmount wires4Outer diameter tolerance core insulation1.25 mmOuter diameter tolerance core insulation70 ± 5 Shore DIngredient trolerance core insulation1.5 SmShore hardness wire insulation70 ± 5 Shore DIngredient trolerance core insulation1.42 mm²Amount wires4Outer diameter tolerance core insulation1.45 mmCulcut diameter tolerance core insulation1.5 Shore DIngredient threeness wire insulation1.9 ± 5 Shore DIngredient threeness wire insulation1.4 ± Shore DIngredient threeness wire insulation1.4 ± Shore DIngredient threeness wire insulation1.5 thrmeCanduct type (wire)0.41 mm²Material conductor wireStranded copper wire, bareConductor type	Installation   Cable	
Jacket Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires wisted     Cable shielding (type)   copper braid, tinned     Cable shielding (coverage)   80 %     Banding   Fleece, Foil     wire arrangement   brown, black, blue, white     No. of bending cycles (C-track)   5 Mio. @ 25 °C     Cable weigh   50.6 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)   5,3 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   4     Outer diameter insulation   1.25 mm     Outer diameter in	Cable identification	641
Type of CertificatecURusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (lacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material jackPPAmount wires4Outer diameter insulationPPAmount wires4Outer diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.24 Shore DIngredient freeness wire insulation1.25 Shore DIngredient freeness wire insulati	Cable Type	3
Amount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (type)80 %BandingFleece, Follwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50.6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)1 kashIderater (acket)5.3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter loarence core insulation1,25 mmOuter diameter loarence core insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DIngredient freeness wire insulation1 42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontal	Jacket Color	black
Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ $25 ^{\circ}$ CCable weigth50, 6 g/mMaterial jacketPURShore hardness jacket90 $\pm$ 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter clameter (jacket)5,3 mmTolerance outer dlameter (sheath) $\pm$ 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation $\pm$ 5 %Shore hardness wire insulation $70 \pm$ 5 Shore DIngredient freeness wire insulation $70 \pm$ 5 Shore DIngredient freeness wire insulation $42$ Diameter of single wires0,1 mmConductor consessection (wire)0,34 mm <sup>2</sup> Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontal	Type of Certificate	cURus
Cable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50.6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient streams1,1 mmConductor consested (wire)0,34 mm²Material conductor wire5,34 mm²Tolerance outer diameter (sheath)± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation1,25 mmOuter diameter folerance core insulation1,24 mm²Material conductor wire0,1 mmConductor consesection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontal	Amount stranding	1
Cable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mic. @ 25 °CCable weigth50.6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationFor ± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor vireStranded copper wire, bareConductor vire	Stranding	4 wires twisted
Banding     Fleece, Foil       wire arrangement     brown, black, blue, white       No. of bending cycles (C-track)     5 Mio. @ 25 °C       Cable weigth     50,6 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)     5,3 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter tolerance core insulation     1,25 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     12 5 Shore D       Ingredient freeness wire insulation     42       Diameter of single wires     0,1 mm       Conductor crosssection (wire)     0,34 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Traversing distance (C-track)     5 m @ 25 °C   horizontal	Cable shielding (type)	copper braid, tinned
wire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Ingredient freeness wire insulation± 5 %Duter diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Duter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation10 ± 5 Shore DIngredient freeness wire insulation142Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontal	Cable shielding (coverage)	80 %
No. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 0 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontal	Banding	Fleece, Foil
Cable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor orosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontal	wire arrangement	
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)     5,3 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter tolerance core insulation     1,25 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       Amount strands (wire)     42       Diameter of single wires     0,1 mm       Conductor crosssection (wire)     0,34 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Traversing distance (C-track)     5 m @ 25 °C   horizontal	No. of bending cycles (C-track)	5 Mio. @ 25 °C
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance ore insulation1,25 mmOuter diameter tolerance ore insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crossection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strande copper wire, bareTraversing distance (C-track)5 m @ 25 °C   horizontal	Cable weigth	50,6 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontal		
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Material wire insulationPPAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontal		
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Diameter of single wires     0,1 mm       Conductor crosssection (wire)     0,34 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Traversing distance (C-track)     5 m @ 25 °C   horizontal		
Conductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontal		
Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C   horizontal		
Conductor type (wire)   strand class 6     Traversing distance (C-track)   5 m @ 25 °C   horizontal		
Traversing distance (C-track)   5 m @ 25 °C   horizontal		
Current load capacity (standard) to DIN VDE 0298-4		
	Current load capacity (standard)	

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: 2024-04-20

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Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
AC withstand voltage power (wire - shield)	2 kV @ 60 s
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)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m

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