

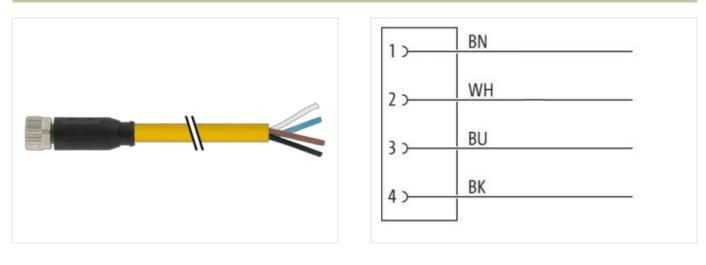
## M8 female 0° A-cod. with cable

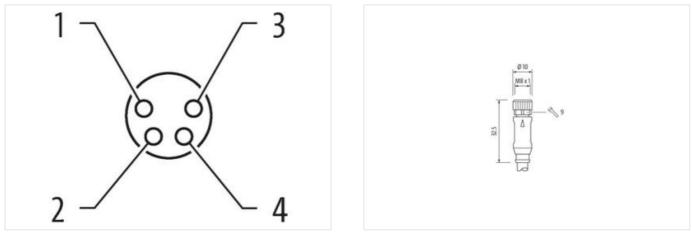
PVC 4x0.25 ye UL/CSA 15m

Female straight M8, 4-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request with cable sleeves 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





Product may differ from Image



15 m

0,4 Nm

Cable length

Side 1

Tightening torque

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Family construction form	free cable end
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.0 ECLASS-7.0	27279218
ECLASS-7.0 ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-9.0 ECLASS-10.1	27060311 27060311
ECLASS-10.1 ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879230247
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
Diagnostics	
Status indication LED	no
Installation   Connection	
Stripping length (jacket)	20 mm
Mounting set	M8 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	1
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection

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Operating temperature min.28 °CDescription provembar mice68 °CAdditional condition temperature many68 °CNote on strain eleftProduct the connectore by stable measures from mechanical loads, e.g. by the usage of cable fee.Note on strain eleftProduct the connectore by stable measures from mechanical loads, e.g. by the usage of cable fee.ContomityEnderstrain eleftProduct transactDescription of the connectore by stable measures from mechanical loads, e.g. by the usage of cable fee.Calle contomityEnderstrain eleftProduct transactDescription of the connectore by stable measures from mechanical loads, e.g. by the usage of cable fee.Calle transactDescription of the connectore by stable measures from mechanical loads, e.g. by the usage of cable fee.Product transactDescription of the connectore by stable measures from mechanical loads, e.g. by the usage of cable fee.View arrangementbrown, black, blue, whiteCalle transactoree.g. by the usage of cable fee.Stransfirg4 strans stoledWeat strands4 stransAnored transactore fig. black8 + 2 S broe AFreedom trans introprofits (glack)1 + 5%.Cander description (glack)4 stransactoreAnored transactore (glack)1 + 5%.Carder description (glack)1 + 5%. <t< th=""><th colspan="2">Environmental characteristics   Climatic</th></t<>	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Importunt installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Note on stain night     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Conformity     Importune to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Main arrangement     Dis No 1076 2 104 (MB)       Cable ited     Importune to the suitable measures from mechanical loads, e.g. by the usage of cable item       Action Color     yellow       Type of Centrificate     OlfFluid       Anotot stranding     1       Stranding     4 wise twisted       wire arrangement     brown, black, blow, while       Cable weigh     34,76 grm       Material jacks     PVC       Shore hardness jacket     8 5 5 5 brow A       Freedom form ingediatist (acket)     4 8 mm       Outer diameter (jacket)     4 3 fs       Additional ender (stranding)     1 5 %       Strand dacres (stranding)     1 5 %	Operating temperature min.	-25 °C
Important Installation notes     Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable letes.       Note on bonding radiu     Attention: Cohere the permissible bending radii when inying cables, as the IP protection class can be endingered by excessive bending toces.       Conformity     Product standard       Product standard     DIN EN \$1076 2-104 (MB)       Installation I Cable     Din EN \$1076 2-104 (MB)       Installation I Cable     Din EN \$1076 2-104 (MB)       Cable identification     011       Arround stranding     1       Cable identification     011       Arround stranding     4       Stranding     4 wires twisted       wire arrangement     Elever A       Freedon thin ingredients (jacket)     85.45 Shore A       Freedon thin ingredients (jacket)     15.5%       Material properties wire insulation     12.5 min       Outer diameter insulation     12.5 min       Outer diameter insulation     13.5%       Material wire in	Operating temperature max.	85 °C
Note on strain relief     Protect the connectors by suitable measures from mechanical loads, s.g. by the usage of cable lies.       Nate on bending radius     Attention: Observe the permisabile bending radii when laying cables, as the IP protection class can be endangered by excessive bending fores.       Contentity     Product standard     DIN EN 61076-2-104 (MS)       Installation[Cable     Usage and the permisabile bending fores.       Win arrangement     Drown, black, blue, white       Cable identification     011       Cable identification     0200       Stranding     4 web solidation       Parce Carlination     1 5 5       Cable identification     1 5 5 m	Additional condition temperature range	depending on cable quality
Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protoction class can be analogeed by excessive bending fores.       Contornity     Product Standard     DN EN 61076-2-104 (M8)       Installation   Cable     Installation   Cable       Wei arrangement     brown, black, blue, while       Cable for Type     1       Jacket Color     yellow       Type of Cartificate     cuPras       Amount stranding     1       Stranding     4       Verse     Stranding     1       Stranding     4 wires twisted       Weie arrangement     brown, black, blue, white       Cable weigh     34.76 gim       Material jacket     PVC       Stranding     4 subst, blue, white       Cable weigh     4.76 gim       Material jacket     PVC       Order dameter (sheath)     ± 5 %       Material packet     PVC       Outer diameter (sheath)     ± 5 %       Material properties wire insulation     1.25 rm       Outer diameter insulation     1.25 rm       Outer diameter insulation     1.45 rs  <	Important installation notes	
Note the Holl (note)     endangeed by excessive bending forces.       Contormity     endangeed by excessive bending forces.       Product standard     DIN EN 61076-2:104 (M8)       Installation ( Cable ( Cable Gentification )     DIN EN 61076-2:104 (M8)       Gable Gentification )     DIN EN 61076-2:104 (M8)       Cable Gentification )     DIN Endangee Gentification )       Cable Gentification )     DIN Endangee Gentification )       Cater diameter ( ficatedin )     DIN Endangee Gentification )       Cater diameter ( ficatedin )     DIN Endangee Gentification )       Cater diameter ( ficatedin )     DIN Endangee Gentification	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard     DIN EN 61076 2.104 (M8)       Insulation I Gable       wire arrangement     brown, black, blue, white       Cable Gentification     0.11       Cable Joyne     1       Schart Coff     yellow       Type of Centificate     cuFRus       Arranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weight     34.76 g/m       Material jackel     PVC       Stranding     1 setting       Gable weight     34.76 g/m       Material jackel     PVC       Stranding     1 setting       Outer diameter (jacket)     4.8 rm       Tolerance outer diameter (jacket)     4.8 rm       Outer diameter instaltion     PVC       Anount wires     4       Outer diameter instaltion     9 VC       Anount wires     4       Outer diameter instaltion     4.5 5 Shore D       Material properities wire instaltion     9 ad free, cadmium-free, CPC free, silicone-free       Outer diameter instere insthere instaltion     9 ad free, cadmium-free,	Note on bending radius	
Installation ( Cable       wire arrangement     brown, black, blue, white       Cable identification     011       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weight     34 76 g/m       Material jacket     PVC       Shore harchess jacket     85 5 5 Shore A       Freesdom from ingrodients (jacket)     least-free, cadmium-free, CFC-free, silicone-free       Outer diameter (jacket)     4 8 mm       Calerance cuter diameter (sheat)     2 5 %       Material properties wire insulation     1,25 mm       Outer diameter view insulation     4 4       Outer diameter wire insulation     4 5 %       Material properties wire insulation     9 ood machinastank (shee)       Ingr	Conformity	
wire arangementbrown, black, blue, whiteCable Iope1Cable Tope1Jackel CobryellowType of CertificateCuRusAmount stranding1Stranding4 wires twistedwire arangementbrown, black, blue, whiteCable weigh34,76 g/mMaterial jacketPVCShore hardness jaket85 t 5 Shore AFreedom from ingredients (jacket)least-free, cadmium-free, CPC-free, silicone-freeOuter diameter (jacket)1,5 %Material jacketPVCAmount stranding1Carler diameter (jacket)1,5 %Material properties wire insulationPVCAmount stranding1,25 mmCuter diameter insulation1,25 mmCuter diameter insulation1,5 SmStranding wire insulation4,5 S Shore DMaterial properties wire insulation4,5 S Shore DMaterial properties wire insulation4,5 S Shore DMaterial properties wire insulation1,5 mmConductor crossection (wire)14Dameter of single wires0,15 mmConductor view strand doc coper wire, bareConductor view file strand voltage (wire)2 k/V @ 60 sConductor view (strand voltage (wire)3 k/V @ 60 sCorrent toad capacity (strandard)10 VIC Capacity CiecCoreating temperature (wire)3 k/V @ 60 s	Product standard	DIN EN 61076-2-104 (M8)
Cable identification     011       Cable identification     1       Jacket Color     yellow       Type of Cortificatie     cURus       Amount stranding     1       Stranding     4 wires twisted       Wrie arrangement     brown, black, blue, while       Cable weight     34,76 g/m       Material jackat     PVC       Shore hardness jackat     B5 ± 5 Shore A       Freedom from ingredients (jackot)     lead free, cadmium: free, CFC-free, silicone-free       Outer-diameter (jacket)     4.8 mm       Tolerance outer diameter (jacket)     4.8 mm       Tolerance outer diameter (jacket)     4.8 mm       Outer diameter insulation     PVC       Amount wires     4       Outer diameter insulation     1.25 mm       Outer diameter insulation     4.5 ± 5 Shore D       Material properties wire insulation     1.4 mm       Ipredient Kennes wire insulation     1.4 form       Diameter of single wires     0,15 mm       Conductor type (wire)     Stranded copper wire, bare       Conductor type (wire)     Stranded case 5       Nominal voltage (w	Installation   Cable	
Cable Type     1       Jacket Color     yellow       Jacket Color     yellow       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     34,76 g/m       Material jacket     PVC       Strone hardness glack1     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (facket)     4.8 mm       Tolerance outer diameter (sheath)     ± 5 %.       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1.25 mm       Outer diameter insulation     1.25 mm       Outer diameter wire insulation     45 ± 5 Shore D       Material properties wire insulation     1.45 fm       Inardnet strands (wire)     14       Dameter of single wires     0.15 rm       Conductor wires     Stranded copper wire, bare       Outer diameter outer wire diases 5     Sone       Norm Strands (wire)     0.25 mm <sup>2</sup> Conductor wire     Stranded copper wire	wire arrangement	brown, black, blue, white
Jacket Color     yellow       Type of Certificate     cUFus       Amount standing     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigh     34,76 g/m       Material jacket     PVC       Stron hardness jacket     85 t 5 Shore A       Freedom from ingredients (jacket)     lead-three, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4.8 mm       Tolerance outer diameter (jacket)     4.8 mm       Tolerance outer diameter (jacket)     4.8 mm       Outer diameter (jacket)     4.8 mm       Outer diameter (jacket)     4.8 f mm       Tolerance outer diameter (jacket)     4.8 f mm       Outer diameter insulation     PVC       Amount stands (wire) insulation     1.25 mm       Outer diameter insulation     1.25 mm       Material properties wire insulation     45 t 5 Shore D       Material properties wire insulation     1.45 f 5%       Conductor trossestime insulation     1.64 free, cadmium-free, CFC-free, silicone-free       Amount stands (wire)     1.4       Diameter of single wires	Cable identification	011
Type of Certificate     OURus       Amount stranding     1       Stranding     4 wires bristed       wire arrangement     brown, black, blue, while       Cable weight     34,76 g/m       Material jackt     PVC       Shore hardness jackt     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4 mm       Tolerance outer diameter (sheath)     ± 5 %       Material precision     PVC       Amount wires     4       Outer diameter insulation     PVC       Amount wires     4       Outer diameter insulation     1.25 mn       Outer diameter insulation     4.5 %       Shore hardness wire insulation     4.5 %       Material properties wire insulation     4.6 ± 5 %/c       Material properties wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     14       Diameter of single wires     0.15 mn       Conductor type (wire)     Strand doepper wire, bare       Conductor type (wire)     Strand doepper wire, bare	Cable Type	1
Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     34,76 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (jacket)     4.8 mm       Tolerance outer diameter (jacket)     4.8 mm       Tolerance outer diameter (jacket)     4.8 mm       Outer diameter insulation     PVC       Amount wires     4       Outer diameter insulation     PVC       Shore hardness wire insulation     4.5 %       Shore hardness wire insulation     4.5 %       Shore hardness wire insulation     4.5 %       Material properties wire insulation     4.5 %       Shore hardness wire insulation     godd machinability       Ingredient freeness wire insulation     godd machinability       Ingredient freeness wire insulation     1.4       Diameter of single wires     0.15 mm       Conductor traves treaded copper wire, bare     Conductor travesclon (wire)       Varmet load capa	Jacket Color	yellow
Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     34,76 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (jacket)     4.8 mm       Tolerance outer diameter (jacket)     4.8 mm       Tolerance outer diameter (jacket)     4.8 mm       Outer diameter insulation     PVC       Amount wires     4       Outer diameter insulation     PVC       Shore hardness wire insulation     4.5 %       Shore hardness wire insulation     4.5 %       Shore hardness wire insulation     4.5 %       Material properties wire insulation     4.5 %       Shore hardness wire insulation     godd machinability       Ingredient freeness wire insulation     godd machinability       Ingredient freeness wire insulation     1.4       Diameter of single wires     0.15 mm       Conductor traves treaded copper wire, bare     Conductor travesclon (wire)       Varmet load capa	Type of Certificate	cURus
Stranding 4 wires twisted   wire arrangement brown, black, blue, white   Cable weight 34,76 g/m   Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free   Outer diameter (jacket) 4,8 mm   Tolerance outer diameter (gacket) 4,8 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PVC   Amount wires 4   Outer diameter (cleanth) ± 5 %   Shore hardness wire insulation 1.25 mm   Outer diameter tolerance core insulation 4 5 ± 5 Shore D   Material properties wire insulation go of machinability   Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free   Amount strands (wire) 14   Dameter of single wires 0.15 mm   Conductor rosseection (wire) 0.25 mm?   Material conductor wire Stranded cooper wire, bare   Conductor type (wire) Strand class 5   Nominal voltage AC max. 300 V   Current load capacity (stand rollage (wire-wire) 2.kV @ 60 s   Power frequency withstand voltage (wire-wire) 2.kV @ 60 s   Power frequency withstand voltage (wire-wire) <t< td=""><td></td><td>1</td></t<>		1
wire arrangement     brown, black, blue, white       Cable weigth     34,76 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4.8 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Anount wires     4       Outer diameter (sheath)     ± 5 %       Shore hardness wire insulation     1.25 mm       Outer diameter fourance core insulation     ± 5 %       Shore hardness wire insulation     4 5 ± 5 Shore D       Material properties wire insulation     4 5 ± 5 Shore D       Material properties wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     14       Diameter of single wires     0,15 mm       Conductor wire     Strand class 5       Conductor wire     Strand class 5       Conductor wire     Strand class 5       Conductor wire     36.A       Electrical resistance line constant wire     79 Q/km @ 20 °C       AC withstand		4 wires twisted
Cable weight   34,76 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   4,8 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wrie insulation   PVC     Amount wires   4     Outer diameter (oftenation)   1,25 mm     Outer diameter tolerance core insulation   1,25 mm     Outer diameter tolerance core insulation   5 %     Shore hardness wire insulation   good machinability     Ingredient freeness wire insulation   good machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   14     Diameter of single wires   0,15 mm     Conductor crosssection (wire)   0,25 mm²     Naterial conductor wrie   Strand class 5     Nominal votage AC max.   300 V     Current load capacity (sindard)   to DIN VDE 0298-4     Current load capacity (sindard)   to DIN VDE 0298-4     Current load capacity (mine)   2 kV @ 60 s     Power frequency withstand votage		
Material jacket     PVC       Shore hardness jackt     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (jacket)     4.8 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter lostence core insulation     ± 5 %       Shore hardness wire insulation     45 ± 5 Shore D       Material properties wire insulation     45 ± 5 Shore D       Material properties wire insulation     good machinability       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     14       Diameter of single wires     0.15 mm       Conductor cossection (wire)     0.25 mm <sup>2</sup> Material conductor wire     Strand class 5       Nominal vordlage AC max.     300 V       Current load capacity (standard)     to DIN VDE 0298-4       Cu	-	
Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4.8 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1.25 mm       Outer diameter one insulation     ± 5 %       Shore hardness wire insulation     4.5 %       Shore hardness wire insulation     ± 5 %       Shore hardness wire insulation     4.5 %       Material properties wire insulation     godd archinability       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     14       Diameter of single wires     0,15 mm       Conductor type (wire)     Strand class 5       Nominal voltage AC max.     300 V       Current load capacity (istanderd)     to DIN VDE 0298-4       Current load capacity (int. wire)     3,6 A       Electrical resistance line constant wire     79 Ω/km @ 20 °C       AC withstand voltage (wire - wire)     2 kV @ 60 s       Min. operating temperature (ink(q		
Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   4.8 mm     Tolerance outer diameter (sheath)   1.5 %     Material vire insulation   PVC     Amount wires   4     Outer diameter insulation   1.25 mm     Outer diameter tolerance core insulation   1.5 %     Shore hardness wire insulation   45 ± 5 Shore D     Material properties wire insulation   god machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   14     Diameter of single wires   0,15 mm     Conductor oressection (wire)   0.25 mm²     Material conductor wire   Stranded copper wire, bare     Conductor oressection (wire)   0.25 mm²     Material conductor wire   Strand class 5     Nominal voltage AC max.   300 V     Current toad capacity (standard)   to DIN VDE 0298-4     Current toad capacity (standard)   to DIN VDE 0298-4     Current toad capacity (wine wire)   2 kV @ 60 s     Power frequency withstand voltage (wire - wire)   2 kV @ 60 s     Min. operating temperature (static)   -30 °C <td></td> <td>-</td>		-
Outer-diameter (jacket)     4.8 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1.25 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     45 ± 5 Shore D       Material properties wire insulation     god machinability       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     14       Diameter of single wires     0.15 mm       Conductor orsessection (wire)     0.25 mm²       Material propersise discussion     Stranded copper wire, bare       Conductor vire     Stranded copper wire, bare       Conductor type (wire)     Strand class 5       Nominal voltage AC max.     300 V       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (wire wire)     2 kV @ 60 s       Power frequency withstand voltage (wire - igacket)     -30 °C       Ac withstand voltage (wire - 2 kV @ 60 s     -30 °C       Max. operating temperature (fixed)     -30 °C       Operating temperatur	· · ·	
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   4     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   45 ± 5 Shore D     Material properties wire insulation   god machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount stands (wire)   14     Diameter of single wires   0,15 mm     Conductor rosssection (wire)   0,25 mm²     Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   Strand class 5     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity min. wire   3,6 A     Electrical resistance line constant wire   79 Ω/km @ 20 °C     AC withstand voltage (wire - wire)   2 kV @ 60 s     Power frequency withstand voltage (wire - 30 °C   AC     Max. operating temperature (static)   30 °C     Min. operating temperature (static)   80 °C     Operating temperature (static)   30 °C     Operating		
Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1.25 mm       Outer diameter insulation     4 5 %       Shore hardness wire insulation     45 ± 5 Shore D       Material properties 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)     14       Diameter of single wires     0.15 mm       Conductor crosssection (wire)     0.25 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     Strand class 5       Nominal voltage AC max.     300 V       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (win- wire)     2 kV @ 60 s       Power frequency withstand voltage (wire - ire)     2 kV @ 60 s <tr< td=""><td></td><td>· · · · · · · · · · · · · · · · · · ·</td></tr<>		· · · · · · · · · · · · · · · · · · ·
Amount wires   4     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   45 ± 5 Shore D     Material properties wire insulation   god machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   14     Diameter of single wires   0,15 mm     Conductor crosssection (wire)   0,25 mm²     Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   Strand class 5     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity (wire - wire)   2 kV @ 60 s     Power frequency withstand voltage (wire - wire)   2 kV @ 60 s     Min. operating temperature (static)   -30 °C     Max. operating temperature (static)   -30 °C     Max. operating temperature (static)   -5 °C     Operating temperature max. (dynamic)   -5 °C     Operating temperature max. (dynamic)   5 °C     Operating temperature max. (dynamic)   5 °C		
Outer diameter insulation     1,25 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     45 ± 5 Shore D       Material properties wire insulation     good machinability       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     14       Diameter of single wires     0,15 mm       Conductor cosssection (wire)     0,25 mm²       Material conductor wire     Stranded copper wire, bare       Conductor vire     Stranded copper wire, bare       Conductor wire     Stranded copper wire, bare       Conductor wire     Stranded copper wire, bare       Conductor wire     Stranded copper wire, bare       Courrent toad capacity (standard)     to DIN VDE 0298-4       Current toad capacity		
Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     45 ± 5 Shore D       Material properties wire insulation     Igad-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     14       Diameter of single wires     0,15 mm       Conductor crosssection (wire)     0,25 mm²       Material conductor wire     Stranded copper wire, bare       Conductor wire     Strand class 5       Nominal voltage AC max.     300 V       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (wire - wire)     2 kV @ 60 s       Power frequency withstand voltage (wire - iacket)     -30 °C       Max. operating temperature (fixed)     80 °C       Operating temperature max. (dynamic)     -5 °C       Operating temperature max. (dynamic)     80 °C       Flame resistance     UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090       Chemical resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing		
Shore hardness wire insulation   45 ± 5 Shore D     Material properties wire insulation   good machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   14     Diameter of single wires   0,15 mm     Conductor crosssection (wire)   0,25 mm²     Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   Strand class 5     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity (wire - wire)   2 kV @ 60 s     Power frequency withstand voltage (wire - wire)   2 kV @ 60 s     Min. operating temperature (static)   -30 °C     Max. operating temperature (fixed)   80 °C     Operating temperature (fixed)   80 °C     Flame resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Gil resistance   Good, application-related testing		
Material properties wire insulation   good machinability     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   14     Diameter of single wires   0.15 mm     Conductor crosssection (wire)   0.25 mm <sup>2</sup> Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   Strand class 5     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity min. wire   3,6 A     Electrical resistance line constant wire   79 Ω/km @ 20 °C     AC withstand voltage (wire - wire)   2 kV @ 60 s     Power frequency withstand voltage (wire - acket)   20 °C     Max. operating temperature (static)   -30 °C     Max. operating temperature (ifked)   80 °C     Operating temperature (ifked)   80 °C     Operating temperature max. (dynamic)   -5 °C     Operating temperature max. (dynamic)   -5 °C     Operating temperature max. (dynamic)   60 °C     Flame resistance   Good, application-related testing     Gasoline resistance		
Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   14     Diameter of single wires   0,15 mm     Conductor crosssection (wire)   0,25 mm²     Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   Strand class 5     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity min. wire   3,6 A     Electrical resistance line constant wire   79 Ω/km @ 20 °C     AC withstand voltage (wire - wire)   2 kV @ 60 s     Power frequency withstand voltage (wire - jacket)   -30 °C     Max. operating temperature (static)   -30 °C     Max. operating temperature (static)   -5 °C     Operating temperature max. (dynamic)   80 °C     Flame resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oil resistance   Good, application-related testing		
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Diameter of single wires   0,15 mm     Conductor crosssection (wire)   0,25 mm²     Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   Strand class 5     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity (wire - sistance line constant wire   79 Ω/km @ 20 °C     AC withstand voltage (wire - wire)   2 kV @ 60 s     Power frequency withstand voltage (wire - jacket)   -30 °C     Max. operating temperature (static)   -30 °C     Max. operating temperature (fixed)   80 °C     Operating temperature min. (dynamic)   -5 °C     Operating temperature min. (dynamic)   -5 °C     Operating temperature min. (dynamic)   80 °C     Flame resistance   UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090     chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Gil resistance   Good, application-related testing     Oil resistance   Good, application-related testing	<u> </u>	
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Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   Strand class 5     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity min. wire   3,6 A     Electrical resistance line constant wire   79 Ω/km @ 20 °C     AC withstand voltage (wire - wire)   2 kV @ 60 s     Power frequency withstand voltage (wire - jacket)   2 kV @ 60 s     Min. operating temperature (static)   -30 °C     Max. operating temperature (fixed)   80 °C     Operating temperature min. (dynamic)   -5 °C     Operating temperature max. (dynamic)   80 °C     Flame resistance   UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090     chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oil resistance   Good, application-related testing		· · · · · · · · · · · · · · · · · · ·
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Operating temperature min. (dynamic)   -5 °C     Operating temperature max. (dynamic)   80 °C     Flame resistance   UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090     chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oil resistance   Good, application-related testing   DIN EN 60811-404		
Operating temperature max. (dynamic)   80 °C     Flame resistance   UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090     chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oil resistance   Good, application-related testing   DIN EN 60811-404		
Flame resistance   UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090     chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oil resistance   Good, application-related testing   DIN EN 60811-404		
chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oil resistance   Good, application-related testing   DIN EN 60811-404		
Gasoline resistance Good, application-related testing   Oil resistance Good, application-related testing   DIN EN 60811-404		
Oil resistance     Good, application-related testing   DIN EN 60811-404	chemical resistance	
	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter	Oil resistance	Good, application-related testing   DIN EN 60811-404
	Bending radius (fixed)	5 x Outer diameter

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Bending radius (dynamic)

10 x Outer diameter

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19