

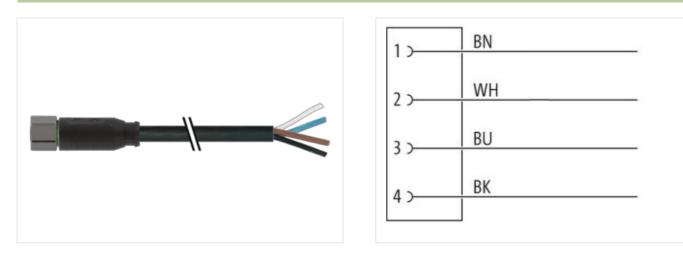
M8 female 0° A-cod. with cable V4A

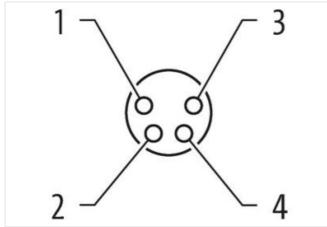
PVC 4x0.25 bk UL/CSA 10m

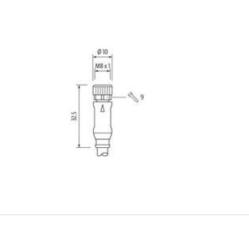
Female straight M8, 4-pole Stainless steel 1.4404 (V4A) Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image

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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

10 m

0,4 Nm

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Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Material contact	Copper alloy
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
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	4048879320412
Packaging unit	1
Electrical data Supply	
Operating voltage AC max. Operating voltage DC max.	50 V 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
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Material gasket	FKM
Material housing	PUR
Locking material	Stainless steel 1.4404 (V4A)
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	,
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes rmation in this Product-PDF has been compiled with the	utmost care

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Biological of yebbasise banage bana	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product sandard DN E N 61076 2-114 (M6) Installation (Gabie wire arrangement brown, black, blue, while Gabie identification 61 Gabie identification 1 Gabie identification 1 Gabie identification 0 Type of Certificate cUFus Stranding 1 Cabie weight 4 wires kvisted wire arrangement brown, black, blue, while Cabie weight 34,7 g m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingenients (jacket) 44 effec. cadmium-free, CFC-free, silicone-free Outer diameter (adaeti) 4 # mm Outer diameter insulation 1 ± 5 xm Outer diameter insulation 4 5 % Shore D Outer diameter insulation 4 5 % Shore D Outer diameter insulation 9 5 % Shore D Candid aurophysic 4 5 Shore D Material concluster insulation 9 5 % Shore D Candid aurophysic 9 5 % Shore D Material concluster insulation 9 5 % Shore D<	Note on bending radius	
Installation (Cable wire arrangement brown, black, blue, while Cable identification 611 Cable identification 611 Gable Type 1 Jacket Color black Type of Cenfificat CuPlus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, while Cable wight 54,76 g/m Material jacket 64,26 g/m Material jacket 64,26 g/m Cable wight 54,76 g/m Material jacket 64,26 g/m Cable wight 54,76 g/m Material wire insulation 16,25 f/m Cable diameter insulation 16,35 f/m Outer diameter insulation 1,25 m Material wire insulation 1,45 f/m Shore hardness wire insulation 1,45 f/m Material properties wire insulation <t< td=""><td>Conformity</td><td></td></t<>	Conformity	
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Gable identification 611 Gable Type 1 Gable Type 1 Jackel Color black Type of Conflictate URus Amount stranding 1 Standing 4 wires twisted wire strangement brown, black, blue, white Cable weight 34,76 grin Material Jacket PVC Shore hardness jacket 85 5 Shore A Freedom from ingredents (jacket) 4,8 mm Toferance outer diameter (heath) 5 % Amount strands wire insulation PVC Amount wires 4 Outer diameter (heath) 5 % Material wire insulation PVC Amount wires 4 Outer diameter fourance core insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter wire insulation 1,25 mm Conductor unsection 14 Diameter of single wires 0,15 mm Conductor wires Strand-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor wires Strand-free, cadmium-free, CFC-free, silicone-free Conductor type (wire) 0,15 mm Conductor type (wire) </td <td>Installation Cable</td> <td></td>	Installation Cable	
Gable identification 611 Gable Type 1 Gable Type 1 Jackel Color black Type of Conflictate URus Amount stranding 1 Standing 4 wires twisted wire strangement brown, black, blue, white Cable weight 34,76 grin Material Jacket PVC Shore hardness jacket 85 5 Shore A Freedom from ingredents (jacket) 4,8 mm Toferance outer diameter (heath) 5 % Amount strands wire insulation PVC Amount wires 4 Outer diameter (heath) 5 % Material wire insulation PVC Amount wires 4 Outer diameter fourance core insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter wire insulation 1,25 mm Conductor unsection 14 Diameter of single wires 0,15 mm Conductor wires Strand-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor wires Strand-free, cadmium-free, CFC-free, silicone-free Conductor type (wire) 0,15 mm Conductor type (wire) </td <td>wire arrangement</td> <td>brown, black, blue, white</td>	wire arrangement	brown, black, blue, white
Jacket Color black Type of Certificate cUFus Annout stranding 1 Stranding 4 wires twisted Wire arrangement brown, black, blue, white Cable weigh 34,76 g/m Material jacket 85 ± 5 Shore A Freedom from ingroßents (jacket) Isad-free, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) 4.8 mm Toerance outer diameter (silcket) 4.8 mm Outer diameter insultion PVC Annout twice 4 Outer diameter insultion PVC Annout twice 4 Outer diameter insultion 1.25 mm Outer diameter insultion 1.25 mm Outer diameter insultion 4.5 ± 5 Shore D Material properties wire insulation 164 free, cadmium-free, CFC-free, silicone-free Annout strands (wire) 1.4 Diameter of single wires 0.15 mm Conductor researction (wire) 0.25 mm ² Nomital voltage (wire) Strand dosper wire, bare Conductor wire Strande Conductor reses	Cable identification	
Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted Wire arrangament brown, black, blue, white Cable weight 34,76 g/m Material jackk PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) ± 5 % Material jackk PVC Material wire insulation PVC Material wire insulation # 5 % Material wire insulation 1.25 mm Outer diameter (sheath) ± 5 % Material properties wire insulation ± 5 s Shore D Material properties wire insulation ± 5 s Shore D Material properties wire insulation ± 5 s Shore D Material properties wire insulation I a free, cadmium-free, CFC-free, silicone-free Anount strands (wire) 14 Diameter of single wires 0,15 mm Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Corrent load capacity (standard)	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 Stranding 4.8 mm Foredom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4.8 mm Tolerance outer diameter (seath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation PVC Amount wires 4 Outer diameter insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter insulation 45 5 % Material properties wire insulation 45 5 % Material properties wire insulation 14 Diameter of single wires 0,15 mm Conductor rorsessection (wire) 0,25 mm² Material conductor wire Strandel copper wire, bare Conductor type (wire) Strandel copper wire, bare Conductor wire Strandel copper	Jacket Color	black
Stranding 4 wires twisted wire arrangement brown, black, blue, white Gable weigh 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4.8 mm Tolerance cuter diameter (jacket) 4.8 mm Tolerance cuter diameter (jacket) 4.8 mm Outer diameter (jacket) 4.5 mm Outer diameter insulation 1.25 mm Outer diameter insulation 4.5 % Shore hardness wire insulation 4.5 ± 5 Shore D Material properties wire insulation good machinability ingredient freeness wire insulation lead-free, camium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0.15 mm Canductor tropsective wire insulation load free, camium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0.15 mm Canducto	Type of Certificate	cURus
wire arrangementbrown, black, blue, whiteCable weight34,76 g/mCable weight34,76 g/mMaterial jackettPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOute-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material weie insulationPVCAmount wires4Outer diameter insulation1,25 mnOuter diameter insulation± 5 %Shore hardness wire insulation± 6 %Cader diameter telearance core insulation± 6 %Ingredient freeness wire insulationiead free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)14Diameter of single wires0,15 mmConductor rossection (wire)0,25 mm²Conductor type (wire)0,25 mm²Material conductor wire5 fA ACurrent load capacity (standard)to DIN VDE 0238-4Current load capacity (standard)to DIN VDE 0238-4Current load capacity (standard)to DIN VDE 0238-4Current load capacity (standard)to DIN VDE 0230-CAc withstand voltage (wire - wire)2 kV \otimes 60 sPower frequency withstand voltage (wire - wire)2 kV \otimes 60 sPower frequency withstand voltage (wire)30 °COperati	Amount stranding	1
Cable weight 84.76 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 Amount wires 4 Outer diameter (sheath) ± 5 % Material wire insulation 1.25 mm Outer diameter insulation ± 5 % Shore hardness wire insulation ± 5 % Material properties wire insulation ± 5 % Material properties wire insulation god machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Anount strands (wire) 14 Diameter of single wires 0,15 mm Conductor wire (wire) 0.25 mm² Conductor wire (wire) Stranded copper wire, bare Conductor wire (wire) Strande dosper wire, bare Conductor wire (wire) 14 Diameter of single wires 0,15 mm Conductor wire (wire) Strande dosper wire, bare Conductor wire (wire) Strande dosper wire, bare Conductor wire (wire) Strande dosper wire, bare Conductor wire (wire) <td>Stranding</td> <td>4 wires twisted</td>	Stranding	4 wires twisted
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) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter (jacket) ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation good machinability Ingredient freeness wire insulation ead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0.15 mm Conductor or cossection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor vise (wire) 0.15 mm Conductor wire Stranded copper wire, bare Conductor wire Strande copper wire, bare	wire arrangement	brown, black, blue, white
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 lolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 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 rowseedion (wire) 0.25 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strande class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to IN VDE 0298-4 Current load capacity min. wire 3.6 A Electrical resistance line constant wire 79 Ωkm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power	Cable weigth	34,76 g/m
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 lolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 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 rowseedion (wire) 0.25 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strande class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to IN VDE 0298-4 Current load capacity min. wire 3.6 A Electrical resistance line constant wire 79 Ωkm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power	Material jacket	
Quter-diameter (jacket) 4.8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter loorance core insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness 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 crossection (wire) 0,25 mm ² Conductor crossection (wire) 0,25 mm ² Conductor vires (wire) Stranded copper wire, bare Conductor vires (wire) Stranded copper wire, bare Conductor vire (wire) Stranded copper wire, bare Content cor capacity (standard) to DIN VDE 0298-4 Current load capacity (wire) 3,6 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Jacket) 2 kV @ 60 s Min. oparating temperature (statc) 30 °C Mis. operating temperature (statc) 80 °C Operating tempe	Shore hardness jacket	85 ± 5 Shore A
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 46 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation good 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 crosssection (wire) 0,25 mm ² 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) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -5 °C <td< td=""><td>Freedom from ingredients (jacket)</td><td>lead-free, cadmium-free, CFC-free, silicone-free</td></td<>	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
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 46 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation good 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 crosssection (wire) 0,25 mm ² 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) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -5 °C <td< td=""><td>Outer-diameter (jacket)</td><td>4,8 mm</td></td<>	Outer-diameter (jacket)	4,8 mm
Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 15 % 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 crossection (wire) 0,25 mm² Material conductor wire Stranded cooper wire, bare Conductor type (wire) Stranded cooper wire, bare Conductor wire Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to INI VDE 0298-4 Current load capacity (standard) to NC Querating temperature (static) -30 °C Ac withstand voltage (wire - wire) 2 kV @ 60 s Mi	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation god machinability Ingredient freeness 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 cosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor vire 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 Electricial resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - igacket) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -50 °C Operating temperature (static) 50 °C Operating temperature (static) 50 °C Operating temperature (static) 50	Material wire insulation	PVC
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 rossection (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 Row ins	Amount wires	4
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) Stranded copper wire, bare Conductor wire Stranded copper wire, bare Current load capacity min. wire 3.6 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Ac withstand voltage (w	Outer diameter insulation	1,25 mm
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 (static) -30 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Operating temperature max. (dynamic) 5	Outer diameter tolerance core insulation	±5%
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 (win- wire) 2 kV @ 60 s Power frequency withstand voltage (wire - gacket) 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) -30 °C Min. operating temperature (static) -30 °C Max operating temperature (mix) 80 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 80 °C UV resistance EIC 60332-2-2 I UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance	Shore hardness wire insulation	45 ± 5 Shore D
Amount strands (wire)14Diameter of single wires0,15 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (wire - wire)3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOll resistanceDIN EN 60811-404 Good, application-related testingOll resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 × Outer diameter	Material properties wire insulation	good machinability
Ninduit stants (wife)Diameter of single wires0,15 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - alk wire)2 kV @ 60 sNin. operating temperature (static)-30 °CMax. operating temperature (ixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceIEC 60322-2 I UL 1581 § 1000 UL 1581 § 1100 FT2Flame resistanceIEC 60322-2 I UL 1581 § 1000 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMax. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 160811-404 Good, application-related testingOil resistanceDIN EN 160811-404 Good, application-related testingGasoline rasistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 160811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter	Amount strands (wire)	14
Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sOperating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (fixed)80 °COperating temperature max. (dynamic)-5 °COperating temperature max. (dynamic)-5 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter	Diameter of single wires	0,15 mm
Conductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sNon-operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature (min. (dynamic))-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter	Conductor crosssection (wire)	0,25 mm ²
Conductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sNon-operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature (min. (dynamic))-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter	Conductor type (wire)	
Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 160 811-404 Good, application-related testingOil resistanceDIN EN 0811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter	Nominal voltage AC max.	300 V
Electrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sNin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter	Current load capacity min. wire	3,6 A
Power frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter	Electrical resistance line constant wire	
jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameter	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingSending radius (fixed)5 x Outer diameter	Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C 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 Sending radius (fixed) 5 x Outer diameter	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 80 °C 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	Max. operating temperature (fixed)	80 °C
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	Operating temperature min. (dynamic)	-5 °C
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	Operating temperature max. (dynamic)	80 °C
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	UV resistance	DIN EN ISO 4892-2 A
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter	Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter	Gasoline resistance	Good, application-related testing
	Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter	Bending radius (fixed)	5 x Outer diameter
	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

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