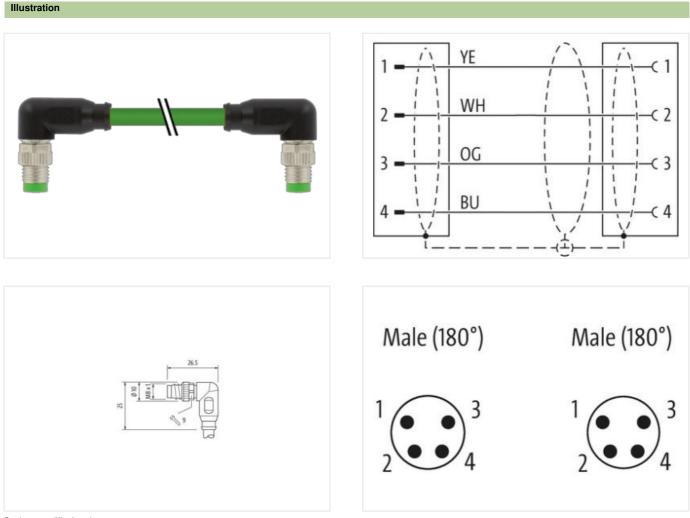


M8 male 90° 180°/ M8 male 90° A-cod. 180° shielded

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 10m

Ethernet CAT5 Male 90° – male 90° M8 – M8, 4-pole shielded Attention: Contact carrier turned to 180°! Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



Product may differ from Image



Cable length

10 m

Side 1

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-03 Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal \emptyset)	6,5 mm
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP67
Side 2	
Thread	M8 x 1
Commercial data	
ECLASS-6.0	27061801
ECLASS-7.0	27061801
ECLASS-8.0	27061801
ECLASS-9.0	27061801
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879611244
Packaging unit	1
Electrical data Supply	
	30 V
Operating voltage AC max. Operating voltage DC max.	30 V
Current operating per contact max.	
	4 A
Industrial communication	
Transfer parameters	With reference to CAT5, Class D (ISO/IEC 11801)
Data transmission rate max.	100 MBit/s
Industrial communication Ethernet fun	ctionality
duplex	Full duplex
Device protection Electrical	
Degree of protection (ISO 20653:2013)	IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	•,• ···
Mechanical data Material data	
Coating locking	Nickeled
Material housing	PUR
Locking material Mechanical data Mounting data	Zinc die-casting
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	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation Cable	

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Jacket Color green Type of Cartificate cUPlus Amount standing 1 Stranding 4 wires star-shaped twisted Cable shielding (type) coper traid, timed Cable shielding (type) coper traid, timed Cable shielding (type) Spectro traid, timed Cable shielding (type) Spectro traid, timed Faversing distance (C-track) 5 m Traversing distance (C-track) 5 m Cable weigh Sp.4 g/m Material jacket PUR Freedom from ingredients (gacket) 4.9 mm Tolerance outer diameter (backet) 4.9 mm Tolerance outer diameter (backet) 1.9 Mm Outer diameter insultion 1.04 mm Outer diameter insultion 1.04 mm Outer diameter insultion 1.04 mm Outer diameter of single wires 26 AWG Conductor crossection (wire) 26 AWG Conductor wire Coper standed wire, timed Material orbic (wire) 0.7 kV @ 90 s Electric capacitance in social in 0.010 L 15 % in 100 MHz Current	Cable identification	791
Anount stranding 1 Straiding 4 wires star-shaped twisted Cable shielding (coverage) 85 % Banding Fiber tape, Fielece, Foll Filer yes Taraversing distance (C-track) 5 m Cable shielding (coverage) 85 % Banding Fiber tape, Fielece, Foll Filer yes Taraversing distance (C-track) 5 m Cable weigh 59,4 g/m Material jacket PUR Freedom from ingrodients (gackt) 4,9 mm Toderanee outer diameter (lacket) 4,9 mm Toderanee outer diameter (lacket) 5 % Cuter diameter tolenance ore insulation 1,04 mm Outer diameter tolenance ore insulation 1,04 mm Cuter diameter tolenance ore insulation 1,04 mm Cuter diameter tolenance ore insulation 26 AWG Conduct crosssection (wire) 26 AWG Conduct or ore scaled min. 26 AWG Cutert diameter insulation 100 Le 15 % el 100 MHz Cutert diameter insulation 100 Le 15 % el 100 MHz Cutert dia dapacity (fishedical) 0,02 Li 5 % el 100 MHz Carrent lost dapacity min. wire 2,4 AWG Consult crosssection (wire) 0,7 kV @ 60 s Electrical resistance line	Jacket Color	green
Stranding 4 wires star-shaped twisted Cable shielding (type) copper braid, finned Cable shielding (coverage) 85 % Banding Fiber tape, Fleece, Foll Filer yes wire arrangement while, orange, blue, yellow Taversing distance (C-track) 5 m Cable weight 59.4 g/m Material jacket PUR Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 4.9 mm Tolerance outer diameter (sheath) ± 5 % Material insulation PP Arount wires 4 Outer diameter insulation 1.04 mm Outer diameter insulation 1.04 mm Outer diameter outer olameter (sheath) ± 5 % Ingrediamt freeness wire insulation 1.9 Diameter of single wires 26 AWG Conductor orseasetion (wire) 26 AWG Conductor orseasetion (wire) 2.4 A Chardiameter langel ty istand voltage (wire - wire) 0.7 KV @ 60 s Electrical resistance line constark wire 140 0.1 km <td>Type of Certificate</td> <td>cURus</td>	Type of Certificate	cURus
Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fiber tape, Fleece, Foll Filler yes wire arrangement white, orange, blue, yellow Taversing distance (C-track) 5 m Cable weigth 59,4 g/m Material jacket PUR Freedom from ingredients (jacket) 4,9 mm Tolerance outer diameter (jacket) 4,9 mm Tolerance outer diameter (jacket) 4,9 mm Tolerance outer diameter (jacket) 4,9 mm Outer diameter isulation PP Amount wires 4 Outer diameter isulation 1,04 mm Conductor crosssection (wire) 26 AWG Conductor vise 26 AWG Conductor wise 0000 V Current load capacity (standard) to DIN VDE 0238-4 Current load capacity (standard) to DIN VDE 0238-4 Current load capacity (istandard)	Amount stranding	1
Cable shielding (coverage) 85 % Banding Fiber tape, Fleece, Fol Filler yes wire arrangement white, orange, blue, yellow Traversing distance (C-track) 5 m Cable weigh 59.4 g/m Matorial jackot PUF Freedom from ingredients (isoket) 4.9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter (sheath) ± 5 % Ingredient freenes wire insulation 1.04 mm Outer diameter insulation 1.04 mm Outer diameter insulation 1.04 mm Conductor crosses wire insulation 1.64 Amount wires Conductor crosses wire insulation 1.64 Amount wires Conductor crosses wire insulation 1.64 Mmount wires Conductor crosses wire insulation 1.04 mm Conductor crosses wire insulation 1.04 mm Conductor crosses wire insulation 1.04 mm Conductor crossection (wire) 2.6 AWG Conductor stroses wire insulation 1.04 Mmount	Stranding	4 wires star-shaped twisted
BandingFiber tape, Fleece, FollFileryeswire arangementwhite, orange, blue, yellowTraversing distance (C-track)5 mCable weigth59.4 g/mMaterial jacktPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (gacket)4.9 mmTolerance outer diameter (sheatt)1.6 %Material jacktPPAmount wires4Outer diameter insulationPPAmount wires4Outer diameter tolerance core insulation1.04 mmOuter diameter tolerance core insulation1.9 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crossection (wire)26 AWGConductor crossection (wire)26 AWGCurrent load capacity (standard)to DIN VDE CQ84-4Current load capacity (standard)to DIN VDE CQ84-4Current load capacity (standard)0.7 kV @ 60 sElectric capacities0.7 kV @ 60 sAG withstand voitage (wire - shield)0.7 kV @ 60 sAG withstand voitage (wire - shield)0.7 kV @ 60 sAG withstand voitage (wire - shield)0.7 kV @ 60 sAG withstand voitage (wire - shield)0.7 kV @ 60 sAG withstand voitage (wire - shield)0.7 kV @ 60 sAG withstand voitage (wire - shield)0.7 kV @ 60 sAG withstand voitage (wire - shield)0.7 kV @ 60 sAG withstand voitage (wire - shield)	Cable shielding (type)	copper braid, tinned
Filler yes wire arrangement whie, orange, blue, yellow Traversing distance (C-track) 5 m Cable weigh 59.4 g/m Material jacket PUR Freedom from ingredients (jacket) 4.9 mm Outer-diameter (jacket) 4.9 mm Tolerance outer diameter (sheath) 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation 1.04 mm Outer diameter lolerance core insulation 1.04 mm Outer diameter of single wires 2.8 AWG Conductor or wire copper stranded wire, tinned Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0288-4 Current load capacity min. wire 2.4 A Chardienster inpodanco 100 CB ± 15 % @ 100 MHz Electrical resistance line constant wire 1.40 K/Km AC withstand voltage (wire - wire) 0.7 kV @ 60 s AC withstand voltage (wire - wire) 0.7 kV @ 60 s Min. operating tempera	Cable shielding (coverage)	85 %
wite arrangementwhite, orange, blue, yellowTraversing distance (C-track)5 mCable weight59 4 g/mMaterial jacketPURMaterial jacketPURCluer diameter (jacket)lead-free, CFC-free, halogen-freeOuter diameter (jacket)4.9 mmClerance outer diameter (sheath)1.5 %Material jacketPURCluer diameter (sheath)1.5 %Material wire insulationPPAmount wires4Outer diameter insulation1.04 mmOuter diameter insulation1.04 mmOuter diameter insulation1.9 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGConductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to 7.8 V @ 60 sElectric appeatione100 Q ± 15 % @ 100 MHzElectric appeatione0.7 kV @ 60 sAC withstand voltage (wire - shield)0.7 kV @ 60 sAC withstand voltage (wire - shield)0.7 kV @ 60 sMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operat	Banding	Fiber tape, Fleece, Foil
Traversing distance (C-track) 5 m Cable weigh 59.4 g/m Material jacket PUR Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 4.9 mm Tolerance outer diameter (jacket) 4.9 mm Tolerance outer diameter (jacket) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter risulation 1.04 mm Outer diameter risulation i.ead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 26 AWG Conductor crosssection (wire) 20 AWG Conductor crosssection (wire) 20 AWG Conductor crosssection (wire) 10 DIN VDE 028-4 Current load capacity min. wire 2.4 A Characteristic inpedance 100 Ω 1 1 5 % @ 100 MHz Electrical resistance 100 Ω F/Km<	Filler	yes
Cable weight 59.4 g/m Material jacket PUR Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer diameter (jacket) 4.9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount Wres 4 Outer diameter Iourance oror insulation 1.04 mm Outer diameter tolerance oror insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 26 AWG Conductor crossescion (wire) 26 AWG Conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Carterit load capacity (wire - wire) 0.7 kV @ 60 s Electric capacitance line constant wire 140 Q/km AC withstand voltage (wi	wire arrangement	white, orange, blue, yellow
Material jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outrie diameter (jacket) \pm 5 %Material wire insulationPPAmount wires4Outer diameter (leacht) \pm 5 %Ingredient reolerance outrie insulation \pm 5 %Ingredient freeness wire insulation \pm 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGConductor wirecopper stranded wire, trinedNominal voltage darge of the output	Traversing distance (C-track)	5 m
Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 4.9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1.04 mm Outer diameter tolerance core insulation ted % Ingredient freemess wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 26 AWG Conductor crossection (wire) 26 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 0.7 kV @ 60 s Cartect fistic impedance 100 D 1 ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0.7 kV @ 60 s AC withstand voltage (wire - shield) 0.7 kV @ 60 s Max. operating temperature (statc) -40 °C Max. operating temperature (statc) -40 °C Max. operating temperature (statc) -40 °C	Cable weigth	59,4 g/m
Outer-diameter (jacket) 4,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Anount wires 4 Outer diameter insulation 1.04 mm Outer diameter insulation ± 5 % Ingredient reeness wire insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Carrent load capacity (standard)	Material jacket	PUR
Tolerance outer diameter (sheath) \pm 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1.04 mm Outer diameter tolerance core insulation \pm 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 26 AWG Conductor crossection (wire) 26 AWG Conductor vire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2.4 A Characteristic impedance 100 $\Omega \pm$ 15 % @ 100 MHz Electric algositance ine constant wire 140 Ωkm AC withstand voltage (wire - shield) 0.7 kV @ 60 s Corrent load capacity min. vire 0.7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - shield) 0.7 kV @ 60 s AC withstand voltage (wire - shield) 0.7 kV @ 60 s Material temperature (statc) -40 °C Max. operature future (statc) -40 °C Querating temperature (s	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Material wire insulation PP Amount wires 4 Outer diameter insulation 1.04 mm Outer diameter of sinulation 1.64 mm Imgredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2,4 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electrical resistance line constant wire 0.7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (stop)	Outer-diameter (jacket)	4,9 mm
Amount wires 4 Outer diameter insulation 1,04 mm Outer diameter insulation ± 5 % Ingredient freences core insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire cooper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire wire) 0,7 kV @ 60 s Electrica resistance line constant wire 140 Ω/km AC withstand voltage (wire - 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - 0,7 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) -30 °C	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,04 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire copper stranded wire, tinned 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 inin. wire 2,4 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - shield) 0,7 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Querating temperature (min. (dynamic)) -30 °C Operating temperature (min. (dynamic)) 70 °C Flame resisitance EC 60332-2-2 UL 1581 § 1100 FT2 U	Material wire insulation	PP
Outer diameter tolerance core insulation \pm 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire2.4 ACharacteristic impedance100 $\Omega \pm$ 15 % @ 100 MHzElectrical resistance line constant wire140 Ω/km AC withstand voltage (wire - wire)0.7 kV @ 60 sElectric capacitance51000 pF/kmPower frequency withstand voltage (wire - field)0.7 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)70 °CFlame resistanceEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceDod, application-related testingOil resistanceDod, application-related testingBending radius (fixed)7,5 x Outer diameter	Amount wires	4
Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crossection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)100 $\Omega \pm 15 \% @ 100$ MHzElectrical resistance100 $\Omega \pm 15 \% @ 100$ MHzElectric apacitance51000 pF/kmPower frequency withstand voltage (wire - jacket)0.7 kV @ 60 sPower frequency withstand voltage (wire - jacket)0.7 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingOil resistanceDiod, application-related testingOil resistanceDod, application-related testingOil resistanceDod, application-related testingOil resistanceDod, application-related testingOil resistanceDivelocal, application-related testingOil resistance	Outer diameter insulation	1,04 mm
Amount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire2,4 ACharacteristic impedance100 Ω ± 15 % @ 100 MHzElectrical resistance line constant wire140 Ω/kmAC withstand voltage (wire - wire)0,7 kV @ 60 sElectric capacitance51000 pF/kmPower frequency withstand voltage (wire - shield)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sMax. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceElec 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceDiod, app	Outer diameter tolerance core insulation	±5%
Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2,4 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - jacket) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testin	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire) 26 AWG Material conductor wire copper stranded wire, tinned 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 2,4 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - acket) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (ixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature min. (dynamic) 70 °C Flame resistance IEC 60332-2-2 I UL 1581 § 1100 FT2 I UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing	Amount strands (wire)	19
Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2,4 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature (min. (dynamic)) -30 °C Operating temperature min. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing	Diameter of single wires	26 AWG
Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2,4 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - jacket) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gil resistance DiN EN 60811-404 Good, application-related testing Oil resistance DiN EN 60811-404 Good, application-related testing	Conductor crosssection (wire)	26 AWG
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire2,4 ACharacteristic impedance100 $\Omega \pm 15 \% \oplus 100$ MHzElectrical resistance line constant wire140 Ω/km AC withstand voltage (wire - wire)0,7 kV \oplus 60 sElectric capacitance51000 pF/kmPower frequency withstand voltage (wire - jacket)0,7 kV \oplus 60 sAC withstand voltage (wire - shield)0,7 kV \oplus 60 sAC withstand voltage (wire - shield)0,7 kV \oplus 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	Material conductor wire	copper stranded wire, tinned
Current load capacity min. wire 2,4 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - jacket) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 6032-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing	Nominal voltage AC max.	300 V
Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire140 Ω/kmAC withstand voltage (wire - wire)0,7 kV @ 60 sElectric capacitance51000 pF/kmPower frequency withstand voltage (wire - jacket)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	Current load capacity min. wire	2,4 A
AC withstand voltage (wire - wire)0,7 kV @ 60 sElectric capacitance51000 pF/kmPower frequency withstand voltage (wire - jacket)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Electric capacitance51000 pF/kmPower frequency withstand voltage (wire - jacket)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	Electrical resistance line constant wire	140 Ω/km
Power frequency withstand voltage (wire - jacket)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	AC withstand voltage (wire - wire)	0,7 kV @ 60 s
jacket)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	Electric capacitance	51000 pF/km
Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter		0,7 kV @ 60 s
Max. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	AC withstand voltage (wire - shield)	0,7 kV @ 60 s
Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 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) 7,5 x Outer diameter	Min. operating temperature (static)	-40 °C
Operating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	Max. operating temperature (fixed)	80 °C
Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 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) 7,5 x Outer diameter	Operating temperature min. (dynamic)	-30 °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) 7,5 x Outer diameter	Operating temperature max. (dynamic)	70 °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) 7,5 x Outer diameter	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	chemical resistance	
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	Gasoline resistance	
Bending radius (fixed) 7,5 x Outer diameter	Oil resistance	
	Bending radius (fixed)	
	Bending radius (dynamic)	

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: 2024-05-03

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