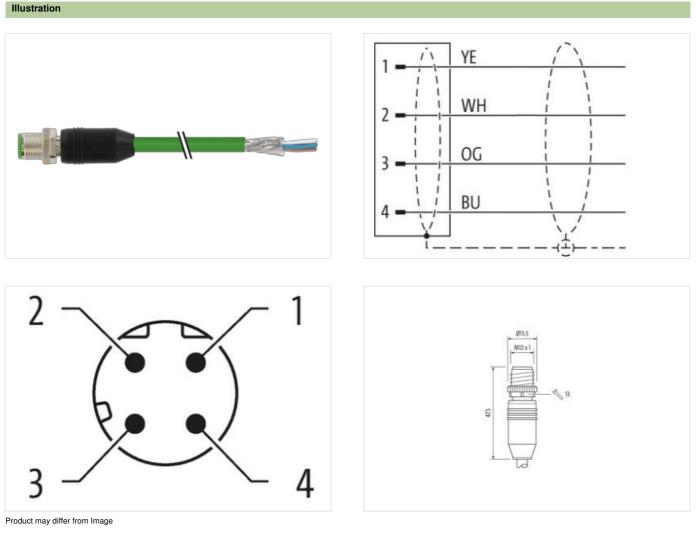


M12 male 0° D-cod. with cable shielded

PVC 1x4xAWG22 shielded gn UL/CSA+drag ch. 3m

Ethernet CAT5 Transmission properties with channel transmission up to 100 m Male straight M12, 4-pole D-coded shielded 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





Cable length

3 m

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-19

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Side 1			
Tightening torque	0,6 Nm		
Mounting method	inserted, screwed		
Family construction form	M12		
Thread	M12 x 1		
Coding	D		
Material	PUR		
Width across flats	SW13		
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67		
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	EC001855		
customs tariff number	85444290		
GTIN	4048879749961		
Packaging unit	1		
Electrical data Supply			
Operating voltage DC max.	60 V		
Current operating per contact max.	1,5 A		
Industrial communication			
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)		
Data transmission rate max.	100 MBit/s		
Industrial communication Ethernet func			
•			
duplex	Full duplex		
Installation Connection			
Mounting set	M12 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)			
Mechanical data			
Contour for corrugated hose	without		
Mechanical data Material data			
·	Niekolod		
Coating locking	Nickeled		
Coating of fitting	nickel plated		
Locking material Material screw connection	Zinc die-casting Zinc die-casting		
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		
Conformity	Conformity		

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Product standard

DIN EN 61076-2-101 (M12)

Cable icentification800Type of CertificatiogreenType of CertificatioculRusAmount Schanding1Cable is Standing4 wires around Filler star-shaped twistedCable is Standing (type)cooper trait, linnedCable is Starding (type)000 per trait, linnedCable is Starding (type)000 per trait, linnedBarafingFolFilleryeswire arrangementyellow, blue, orange, whiteNo. of bording cycles (C ktack)2 Mole @ 25 °GCable welling in per traiter (the start)85 ± 5 Store AFreedom traiter (tackst)86 mCable relianter (tackst)86 ± 5 Store AFreedom traiter (tackst)86 mCalcer (tarnar tackstFINCCalcer (tarnar tackst)FINCCalcer (tarnar tackst)1 S %Calcer (tarnar tackst)5 S Store DCalcer (tarnar tackst)5 Store DFinder (tackst)5 Store DCalcer (tarnar tackst)5 Store DFinder (tackst)5 Store DFinde	Installation Cable	
Type of Certificate CURus Armount standing 1 Stranding 4 wise around Filler star shaped twisted Cable shielding (type) copper traid, linned Cable shielding (coverage) 85 % Banding Foll Filler yes wire arrangement yelkow, blue, crange, whita No of barding cycles (C-track) 2 Min @ 25 °C Cable weigh 73.7 g/m Material jacket PVC Strong transformations jackel 85 ± 5 Shore A Freedom from ingendents (jacket) 6.6 mm Toferance outer diameter (sheath) ± 5 % Material ineri jacket FFNC Color (mere jacket) natur Material ineri jacket FFNC Colur dimeter (sheath) 1.5 % Shore harches wire insulation 1.53 mm Outer diameter insulation 1.53 mm Colare (mere soutere) 5.0 %	Cable identification	800
Amount stranding 1 Stranding 4 wires atund Filler star-shaped twisted Cable shielding (coverage) 85 % Barding Foll Filler yes wire atrangement yellow, blue @ 25 °C Cable shielding (coverage) 85 % Barding 73.7 gm Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingudantis (jackol) load fore, CFC free Outer diamotir (jackol) 66 m Tolerance outer diameter (health) 5 5 % Material inserial inseria	Jacket Color	green
Stranding 4 wires around Filler star-shaped twisted Cable shielding (type) copper braid, timed Cable shielding (cverrage) 65 % Banding Foil Filler yes wire arrangement yellow, blue, orange, white No. of banding cycles (C-track) 2 Mio. @ 25 °C Cable weigh 73,7 yim Matorial jacketi PVC Shore hardmess jacket 85 ± 5 Shore A Freedom from ingredents (jacket) 66 rm Older adimeter (jacket) 6.6 rm Older adimeter (jacket) 6.6 rm Order adimeter (jacket) 6.8 rm Order adimeter (jacket) natur Material wire insulation PE Amount wires 4 Outer diameter insulation 1.53 mm Outer diameter insulation 5.5 5 Shore D Ingredient treenes wire insulation 5.5 5 Shore D Ingredient treenes wire insulation 5.5 5 Shore D Controf or orders wire insulation 1.53 mm Outer diameter insulation 5.5 5 Shore D Togetaer therape core insulation 5.5 % Onduct drameter order or insulation 5.5 % Outer diameter insulation 9.2 % Current of single wires 22 AWG <	Type of Certificate	cURus
Cable shielding (type)copper braid, tinnedCable shielding (coverage)85 %.BandingFolFilleryelsw, ble, orange, whiteNo. of bonding cycles (C-track)2 Mic. @ 25 °CCable weight73.7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredents (jacket)163 ± 5 Shore ATolerance outer diameter (sheath)1.5 %.Material jacketPRCCable weightnaturTolerance outer diameter (sheath)1.5 %.Material jacketPRNCCodor (inner jacket)naturMaterial inver jacketFRNCCodor (inner jacket)naturMaterial wei insulation1.53 mmOuter diameter (sheath)1.5 %.Material insulation1.53 mmOuter diameter view insulation1.53 Shore DIngredient freeness wire insulation1.53 Shore DIngredient freeness wire insulation1.53 Shore DIngredient freeness wire insulation1.53 Kinnel Cooper wire, bareConduct crosssated in (wire)22 AWGConduct crosssated in (wire)22 AWGConduct crosssated in (wire)22 AWGCoursen taid gapoly (intervering)200 VMaterial crosstance (intervering)500 VElectrical crossiter wire500 VElectrical c	Amount stranding	1
Cable shielding (coverage) 85 % Banding Foll Filier yes wire arrangement yellow, blue, orange, white No. of bending cycles (C-track) 2 Min. @ 25 °C Cable weight 73,7 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingrodents (jacket) Isad -two, CFC - Free Outer-diameter (jacket) 6.6 mm Tolerance outer diameter (shorth) 1 5 % Material inner jacket) natur Material wines (jacket) natur Outer diameter insulation PE Amount wires 4 Outer diameter insulation 1.53 mm Outer diameter insulation 1.53 % Shore hardness wire insulation 1.53 mm Outer diameter insulation 1.53 % Conductor crossactin (wire) 7	Stranding	4 wires around Filler star-shaped twisted
Banding Foil Filer yas wire arangement yalsow, blue, orange, while No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weight 73, 7 g/m Material jackel FVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredents (jacket) least-free, CPC-free Outer-diameter (jacket) 6,6 mm Tolerance outer diameter (leaket) 1 ± 5 % Material incer (jacket) natur Material incer (jacket) natur Material incer (jacket) natur Material incer (jacket) natur Material incer (jacket) 1,53 mm Outer diameter tolerance ocre insulation 1 ± 5 % Shore hardness wire insulation 1 ± 5 % Outer diameter tolerance ocre insulation 1 ± 5 % Material wrise insulation 1 ± 5 % Shore hardness wire insulation 1 ± 6 ± 5 Shore D Ingredient folge wires 2 AWG Conductor crossection (wire) 22 AWG Consection rule datapatiy (standard) to D IN VEE C98-4	Cable shielding (type)	copper braid, tinned
Filler yes wire arrangement yellow, blue, orange, while No. of bending cycles (C-track) 2 Milo. @ 25 °C Gable weigth 73,7 g/m Material jacket PVC Shore hardness jacket B5 15 Shore A Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (jacket) 6.6 mm Tolerance outer diameter (sheath) 1.5 %. Material inner jacket FINC Color (inner jacket) natur Material wire isulation PE Amount wires 4 Outer diameter insulation 1.5 %. Shore hardness wire insulation 1.5 %. Shore hardness wire insulation 1.63 mm Outer diameter insulation 1.53 mm Outer diameter insulation 1.53 mm Outer diameter biolerance core insulation 1.53 % Shore hardness wire insulation 182 * % Conductor coresection (wire) 22 AWG Conductor coresection (wire) 22 AWG Conductor coresection (wire) 55 m @ 25 °C Current load capacit	Cable shielding (coverage)	85 %
wire arrangement yellow, blue, orange, white No. of bending cycles (C-track) 2 Mo. @ 25 °C Cable weigh 73,7 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 6.6 mm Outer-diameter (jacket) 6.6 mm Tolerance outer diameter (sheath) ± 5 %. Material iner jacket FRNC Color (inner jacket) natur Material iner jacket FRNC Color (inner jacket) natur Material iner jacket FRNC Outer diameter (insulation 1.53 mm Outer diameter (insulation 1.53 mm Outer diameter (insulation 1.53 mm Outer diameter (insulation 1.63 mm Tolerands weire insulation 1.64 free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor arossection (wire) 22 AWG Conductor arossection (wire) 22 AWG Current load capacity (standard) to DN VDE 0298 4 Current lo	Banding	Foil
No. of bending cycles (C-track) 2 Mo. @ 25 °C Cable weight 73,7 g/m Material jacket PVC Shore hardness jackat 85 ± 5 Shore A Freadom from ingredients (jackat) Iead Free, CFC-free Cubre-dimenter (jackat) 6.5 mm Tolerance outer diameter (sheath) ± 5 % Material inner jackat FRNC Color (inner jacket) natur Material inner jacket) natur Cuter diameter insulation PE Amount wires 4 Cuter diameter insulation 1.53 mm Cuter diameter or lowards insulation 55 ± 5 Shore D Cuter diameter or lowards insulation 55 ± 5 Shore D Ingredient Thereass wire insulation 55 ± 2 Shore D Conductor crossessive insulation 55 ± 2 Shore D Conductor arcsessection (wire) 22 AWG Conductor arcsessection (wire) 22 AWG Conductor arcsessection (wire) 5 m @ 25 °C Current load capacity (standard) to DIV VDE 0294-4 Current load capacity (standard) to DIV VDE 0294-4 Current load capacity	Filler	yes
Cable weigh 73.7 μm Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (jacket) 6,6 mm Tolerance outer diameter (jacket) 6,6 mm Tolerance outer diameter (jacket) 1 ± 5 % Material inner jacket FFINC Color (inner jacket) natur Material wrie insulation 1 ± 5 % Material wrie insulation 1,53 mm Outer diameter tolerance core insulation 5 ± 5 Shore D Ingredient freeness wrie insulation 163 ± 5 % Shore hardness wrie insulation 163 ± 5 % Damout strands (wrie) 7 Diametor of single wires 22 AWG Conductor crossection (wrie) 22 AWG Conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DN VDE 0298-4 Current load capacity (standard) to DN VDE 0298-4 Current load capacity min. wrie 4.8 A Characteristic ingredance	wire arrangement	yellow, blue, orange, white
Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead free, CFC-free Outer diameter (jacket) 6,6 mm Tolerance outer diameter (jacket) 1 ± 5 % Material inner jacket FRNC Color (inner jacket) natur Material wrie insulation PE Amount Wries 4 Outer diameter insulation 1,53 mm Outer diameter tolerance core insulation 1,53 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation 162 + 2 KWG Conductor crossection (wire) 7 Diameter of single wires 22 AWG Conductor rowsection (wire) 22 AWG Material conductor wire Stranded copper wire, bare Taversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to IN VDE 0280+4 Current load capacity (standard) to IN VDE 0280+4 Current load capacity (standard) to IN VDE 0280+4 Current load	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, CFC-freeOuter-diameter (jacket)6.6 mmTolerance outer diameter (sheath)1.5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wise insulationPEAmount wires4Outer diameter (sheath)1.53 mmOuter diameter losarce one insulation1.53 mmOuter diameter losarce one insulation55 ± 5 Shore DIngredient freeness wire insulation55 ± 5 Shore DIngredient freeness wire insulation55 ± 5 Shore DIngredient freeness wire insulation1.52 mmWaterial wire insulation22 AWGConductor consessection (wire)22 AWGConductor wiresStranded coper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (shandard)to DIN VDE 0298-4Current load capacity (in-write)55 0.Km @ 20 °CNominal voltage power (AC max.300 VElectrical acpacity line constant (wire - write)50 Nm @ 20 °CNominal voltage power (wire - write)2.KV @ 60 sPower frequency withstand voltage power (wire - write)2.KV @ 60 sAc writestand voltage power (wire - write)2.KV @ 60 sMax. operature (fine-qurite)30 °COperating temperature (fine-grite)30 °COperating temperature (fine-grite)30 °COperating temperature (fine-grite)30 °COperating temperature (fine-grite)30 °COperating temperatu	Cable weigth	73,7 g/m
Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (jacket) 6.6 mm Tolerance outer diameter (jacket) \pm 5 % Material inner jacket FRNC Color (inner jacket) natur Material inner jacket FRNC Outer diameter insulation PE Amount wires 4 Outer diameter insulation 1.53 mm Outer diameter tolerance core insulation \pm 5 % Shore hardness wire insulation \pm 5 % Ingredient freeness wire insulation 1.63 mm Outer diameter tolerance core insulation \pm 5 % Shore hardness wire insulation Isad-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor consection (wire) 22 AWG Conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 26 °C Current load capacity min. wire 4.8 A Characteristic impedance 100 $\Omega \pm \pm$ 5 % @ 1 MHz Electrical resistance line constant wire 50 Okm @ 20 °C Nominal voltage power (wire - shield) 2 kV @ 60 s <t< td=""><td>Material jacket</td><td>PVC</td></t<>	Material jacket	PVC
Outer-diameter (jacket) 6,6 mm Tolerance outer (diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) natur Material wire insulation PE Arnourt wires 4 Outer diameter insulation 1,53 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation 65 ± 5 Shore D Ingredient freeness wire insulation 163 ± 5 % Shore hardness wire insulation 164 ± 7 % Diameter of single wires 22 AWG Conductor cossesction (wire) 22 AWG Conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298.4 Current load capacity (standard) to DIN VDE 0298.4 Characteristic impedance 100 ½ ± 15 % @ 1 MHz Electrical resistance line constant wire 55 Ω/m @ 20 °C Nominal voltage power (wire - wire) 60000 pF/km (rive - slicet) 2 kV @ 60 s	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material vie injacket FRNC Color (inner jacket) natur Material vie insulation PE Amount wires 4 Outer diameter insulation 1,53 mm Outer diameter insulation 55 ± 5 Shore D Shore hardness wire insulation 163 free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Conductor vire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 50 Akm @ 20 °C Nominal voltage power AC max. 300 V Electrical resistance line constant wire 55 Okm @ 20 °C Nominal voltage power (wire - wire) 2 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Max. operating te	Freedom from ingredients (jacket)	lead-free, CFC-free
Tolerance outer diameter (sheath) ± 5 % Material vie injacket FRNC Color (inner jacket) natur Material vie insulation PE Amount wires 4 Outer diameter insulation 1,53 mm Outer diameter insulation 55 ± 5 Shore D Ingredient freeness wire insulation 162 ± 5 % Shore hardness wire insulation 164 free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current toad capacity (standard) to DIN VDE 0298-4 Current toad capacity min. wire 4.8 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 50 L/m @ 20 °C Nominal voltage power AC max. 300 V Electrical capacity line constant (wire - wire) 50 L/m @ 20 °C Nominal voltage power (wire - shield) 2 k/ @ 60 s Power frequency withstand voltage power (wire - wire) 2 k/ @ 60 s Max. operating temperature (fixed		6,6 mm
Color (inner jacket) natur Material wire insulation PE Amount wires 4 Outer diameter insulation 1,53 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Conductor roises Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire wire) 25 0 / Km @ 20 °C Nominal voltage power AC max. 300 V Electrical capacity line constant (wire - wire) 60000 pF/km (orwer) 20 V@ 60 s Min. operating temperature (stack) -30 °C AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (stack) -30 °C Operating temperature (stack)		
Color (inner jacket) natur Material wire insulation PE Amount wires 4 Outer diameter insulation 1,53 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Conductor roises Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to 00 C	Material inner jacket	FRNC
Material wire insulationPEAmount wires4Outer diameter insulation1,53 mmOuter diameter tolerance core insulation15 %Shore hardness wire insulation55 ± 5 Shore DIngredient feeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor rossection (wire)22 AWGConductor rossection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent 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 (mix wire48 ACharacteristic impedance100 $\Omega \pm 15 \% @ 1 MHz$ Electrical resistance line constant wire55 $\Omega km @ 20 °C$ Nominal voltage power AC max.300 VElectrical resistance line constant (wire - wire)50000 pF/km(power)2 kV @ 60 sPower frequency withstand voltage power2 kV @ 60 sMin: operating temperature (statc)30 °CMax. operating temperature (statc)30 °CMax. operating temperature (statc)10 °COperating temperature (statc)00 °COperating temperature max. (dynamic)70 °CFlame resistanceGlode, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceGood, application-related testing<		
Amount wires 4 Outer diameter insulation 1,53 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Imgredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crossection (wire) 22 AWG Conductor crossection (wire) 22 AWG Conductor orize Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity line constant wire 55 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Electrical resistance line constant (wire - wire) 50000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - shield) 2 kV @ 60 s Min. operating temperature min. (dynamic) -10 °C Min. operating temperature min. (dynamic) -10 °C Operating temperature min. (dyn		
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crossection (wire) 22 AWG Conductor vire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 028-4 Current load capacity (standard) to DIN VDE 0296-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 55 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Electrical capacity ine constant (wire - wire) (power) 50000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s AC withstand voltage power (wire - wire) (wire - jackel) 2 kV @ 60 s Max. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature min. (dynamic) -10 °C Operating t	Amount wires	4
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crossection (wire) 22 AWG Conductor vire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 028-4 Current load capacity (standard) to DIN VDE 0296-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 55 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Electrical capacity ine constant (wire - wire) (power) 50000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s AC withstand voltage power (wire - wire) (wire - jackel) 2 kV @ 60 s Max. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature min. (dynamic) -10 °C Operating t	Outer diameter insulation	1.53 mm
Shore hardness wire insulation 55 ± 5 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m $@$ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 $\Omega \pm 15 \% @$ 1 MHzElectrical resistance line constant wire55 $\Omega/km @$ 20 °CNominal voltage power AC max.300 VElectrical capacity line constant (wire - wire)50000 pF/km(power)2 kV @ 60 sPower frequency withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testing	Outer diameter tolerance core insulation	
Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)100 $\Omega \pm 15 \%$ @ 1 MHzElectrical resistance line constant wire55 Ω km @ 20 °CNominal voltage power AC max.300 VElectrical capacity line constant (wire - wire)50000 pF/km(power)2 kV @ 60 sPower frequency withstand voltage power (wire - shield)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature (fixed)80 °COperating temperature (fixed)70 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testing		
Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 55 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Electrical capacity line constant (wire - wire) 50000 pF/km (power) 50000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power 2 kV @ 60 s Min. operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) -70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing		
Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 55 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Electrical capacity line constant (wire - wire) 50000 pF/km (power) 60 s Power frequency withstand voltage power 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature (min. (dynamic)) -10 °C Opperating temperature min. (dynamic) -10 °C Opperating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing		
Conductor crosssection (wire) 22 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 55 Ω/km @ 20 °C Nomial voltage power AC max. 300 V Electrical capacity line constant (wire - wire) 50000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -10 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1000 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	. ,	
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Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Operating temperature min. (dynamic)	-10 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing	Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
	chemical 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
Bending radius (fixed) 5 x Outer diameter	Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic) 15 x Outer diameter	Bending radius (dynamic)	15 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: 2024-04-19

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