

## M12 male 0° / M12 female 0° D-cod. shielded V2A

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 2m

Product fulfills requirements according to UN/ECE R118

**Ethernet CAT5** 

M12 - M12, 4-pole

Male straight - female straight

D-coded

shielded

Stainless steel 1.4305 (V2A)

Plastic housings with good resistance against chemicals and oils.

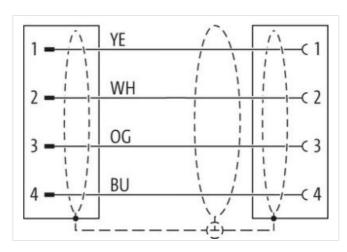
The resistance to aggressive media should be individually tested for your application. Further details on request.

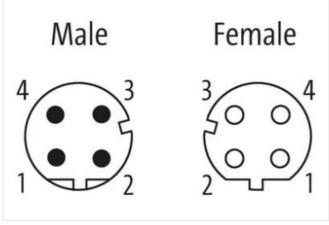
Further cable lengths on request.

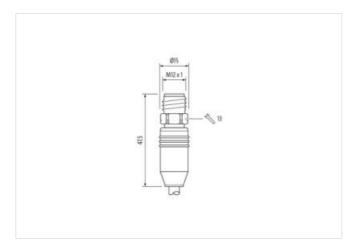
## **Link to Product**

## Illustration









Product may differ from Image







stay connected

Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	D
Material contact	Copper alloy
No. of poles	4
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	D
Material contact	Copper alloy
No. of poles	4
Commercial data	
	07004004
ECLASS-6.0	27061801
ECLASS-6.1 ECLASS-7.0	27060307
	27060307
ECLASS-8.0 ECLASS-9.0	27060307 27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879717618
Packaging unit	1
Electrical data   Supply	
	•••
Operating voltage DC max.	60 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Industrial communication	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Diagnostics	
Status indication LED	no
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
J Satu   matorial data	



stay connected

Material housing PUR Cocking material (Cocking material (Cocking material)  Mounting rethod  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Coparating inemperature min.  95 °C  Operating inemperature max.  85 °C  Additional condition temperature range  depending on able quality  Contromity  Product standard  DIN EN 61075-2-101 (M12)  Installation   Cable  Coatle develliculion  796  Cable indefinition   796  Cable indefinition   1  Stranding   1  Stranding   4 wires around Core filter twisted  Cable shielding (type)  Cable shielding (type)  Cable indefiniting (type)  Cable indefiniting (type)  Cable shielding	Material gasket	FKM
Decision material   Mounting data   Mounting data   Mounting material   Inserted, screwed. Shaking protection	<u> </u>	
Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climate   Operating temperature min.		
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climate  Operating temperature min.  25 °C  Operating temperature max.  85 °C  Additional condition temperature range  Conformity  Product standard  DIN EN 81076 2-101 (M12)  Installation   Cabbe  Cable identification  766  Jacket Cofor  grown  Jacket Cofor  grown  Stranding  1 Stranding  4 wises around Core filter twisted  Cable shinkfing (proving a grown)  Stranding  4 wises around Core filter twisted  Cable shinkfing (coverage)  85 %  Barding  Flooc, Foll  Floor, Foll  Floor operature range  98  Shore A  Freedom from ingredients (gacket)  1 5 %  Material isoched (proving isochet)  1 5 %  Material insert isochet  FINC  Color (inner jacket)  Floor  Color (inner jacket)  Flore  Color (inner jacket)  Floor  Color		Otalii033 3000 1.4000 (V27)
Environmental characteristics   Climatic Operating temperature max. 25 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN En 61076.2-101 (M12) Installation   Cable Cable identification   788 Labelet Color green Lype of Certificate cUPus Amount stranding 1 Lype of Certificate cUPus Amount stranding 1 Stranding 4 wires around Core filter revised Cable identification   65 °S Barding 9 Pieces, Foll Filter yes Barding Pieces, Foll Filter yes Barding Pieces, Foll Filter yes Shore hardness globes (C teack) 3 Mo. 69 25 °C Cable weight 6 69.3 g/m Material pieces (Shore) 6 7 mm Material pieces (Shore) 7 mm Material pieces (Shore) 6 5 °S Shore hardness globes (T teack) 7 mm Material pieces (Shore) 7 mm Material pieces (Sh		
Operating temperature min. 425 °C Operating temperature man. 85 °C Operating temperature man. 85 °C Operating temperature man. 40 °C	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Product standard DIN EN 61076-2-101 (M12)  Installation Cable  Cable identification 796 Jacket Color green Type of Certificate CURus  Amount stranding 1 Stranding 4 wires around Core filter twisted Cable shelding (type) copper braid, timed Cable shelding (coverage) 55 %  Banding Reece, Foil Filter yes wire arrangement white, yellow, blue, orange No. of bending cytes (C-track) 3 Mio. @ 25 °C Cable weight Sorr A Freedom from ingredients (lacket) 88 Shore A Freedom from ingredients (lacket) 88 Shore A Freedom from ingredients (lacket) 75 % Material price (Jacket) 75 % Material mer jacket Final Material swite insulation PE Annount wires  Annount strandis (wire) 7 Final Material swite insulation PE Annount wires  Annount strandis (wire) 7 Final Material swite insulation 1,4 mm Outer diameter insulation PE Annount wires  Annount strandis (wire) 7 Final Final Material swite insulation 1,4 mm Outer diameter telerance core insulation 1,4 mm Outer diameter telerance core insulation 1,4 mm Outer diameter insulation 1,	Environmental characteristics   Climatic	
Additional condition temperature range Contermity  Product standard DIN EN 81076 2-101 (M12)  Installation (Cable Cable identification Joseph General Cable (Cable Color green Type of Cartificate CURus Amount stranding 1 Straining Amount stranding 1 Straining Amount stranding Straining Cable shielding (type) Capper braid, timed Cable shielding (type) Cable shielding (type) Saw	Operating temperature min.	-25 °C
Contromity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification         796           Jacket Color         green         Cable identification           Type of Certificate         CURus           Amount stranding         1         Stranding           Cable shielding (type)         copper braid, timed           Cable shielding (type)         copper braid, timed           Cable shielding (coverage)         85 %           Barnding         Rieco, Foil           Filler         yes           wite arrangement         while, yellow, blue, orange           No. of bending cycles (C-track)         3 Mig. 62 % °C           Cable weigh         69.3 g/m           Material jacket         PUR           Shore hadriness jacket         PS %           Colled rdiameter (glocati)         6.7 mm           Tolerance outer diameter (glocati)         5.5 %           Material wire insulation         PE           Amount wires         4           Outer diameter tolerance core insulation         5.5 %           Outer diameter tolerance core insulation         5.5 % row particular vire insulation           Outer diameter tolerance swie insulation         6.5 Shore D	Operating temperature max.	85 °C
Product standard   DIN EN 61076-2-101 (M12)	Additional condition temperature range	depending on cable quality
Cable identification   796	Conformity	
Cable identification         796           Jackski Color         green           Type of Certificate         cUlfus           Amount stranding         1           Stranding         4 wires around Core filler twisted           Cable shielding (type)         copper braid, timed           Cable shielding (coverage)         85 %           Banding         Fleece, Foil           Filler         yes           wire arrangement         white, yellow, blue, orange           No. of bending cycles (C-track)         3 Min. @ 25 °C           Gable weight         63.3 g/m           Material jackset         PUR           Shore hardness jacket         PUR           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (jacket)         6.7 mm           Toterance outer diameter (sheath)         5.7 %           Material inner jacket         FRNC           Color (inner jacket)         natur           Material wire insulation         pE           Amount wires         4           Outer diameter insulation         1,4 mm           Outer diameter tolerance core insulation         15 %           Shore D         1	Product standard	DIN EN 61076-2-101 (M12)
Cable identification         796           Jackski Color         green           Type of Certificate         cUlfus           Amount stranding         1           Stranding         4 wires around Core filler twisted           Cable shielding (type)         copper braid, timed           Cable shielding (coverage)         85 %           Banding         Fleece, Foil           Filler         yes           wire arrangement         white, yellow, blue, orange           No. of bending cycles (C-track)         3 Min. @ 25 °C           Gable weight         63.3 g/m           Material jackset         PUR           Shore hardness jacket         PUR           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (jacket)         6.7 mm           Toterance outer diameter (sheath)         5.7 %           Material inner jacket         FRNC           Color (inner jacket)         natur           Material wire insulation         pE           Amount wires         4           Outer diameter insulation         1,4 mm           Outer diameter tolerance core insulation         15 %           Shore D         1	Installation   Cable	
Jacket Color   green   CURus   CURU	Cable identification	796
Type of Certificate	Jacket Color	green
Amount stranding         1           Stranding         4 wires around Core filler twisted           Cable shielding (coverage)         85 %           Banding         Fleece, Foll           Filler         yes           wire arrangement         white, yellow, blue, orange           No. of bending cycles (C-tack)         3 Mio. @ 25 °C           Cable weight         69.3 g/m           Material jacket         PUR           Shore hardness jacket         89 Shore A           Freedom from ingredients (jacket)         16.7 mm           Tolerance outer diameter (jacket)         6.7 mm           Tolerance outer diameter (facket)         5 %           Material inner jacket         FRINC           Color (inner jacket)         natur           Material wire insulation         PE           Amount wires         4           Amount wires         4           Outer diameter insulation         1.4 mm           Outer diameter insulation         5 %           Shore bardness wire insulation         65 Shore D           Ingredient freeness wire insulation         1.4 mm           Outer diameter of single wires         2.2 AWG           Conductor crossessetion (wire)         2.2 AWG	Type of Certificate	
Cable shielding (type) copper braid, finned Cable shielding (coverage) 35 % Banding Fleece, Foil   Filler yes wire arrangement white, yellow, blue, orange No. of bending cycles (C-track) 3 Mio. @ 25 °C Cable weight 69.3 ym Material jacket PUR Shore hardness jacket PUR Shore hardness jacket   198	Amount stranding	1
Cable shielding (type) copper braid, finned Cable shielding (coverage) 35 % Banding Fleece, Foil   Filler yes wire arrangement white, yellow, blue, orange No. of bending cycles (C-track) 3 Mio. @ 25 °C Cable weight 69.3 ym Material jacket PUR Shore hardness jacket PUR Shore hardness jacket   198	Stranding	<u> </u>
Cable shletding (coverage)         85 %           Banding         Fleece, Foil           Filler         yes           wire arrangement         white, yellow, blue, orange           No. of bending cycles (C-track)         3 Mio. @ 25 °C           Cable weight         69.3 g/m           Material jacket         PUR           Shore hardness jacket         89 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Quter-diameter (jacket)         6,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         FRNC           Color (inner jacket)         natur           Material wire insulation         PE           Amount wires         4           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Ingredient freenses wire insulation         65 Shore D           Ingredient freenses wire insulation         1ead-free, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crosssection (wire)         22 AWG           Conductor crosssection (wire)         25 WG		copper braid, tinned
Banding Fleece, Foli Filler yes wire arrangement white, yellow, blue, orange No. of bending cycles (C-track) 3 Mio. @ 25 °C Cable weigth 69.3 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) natur Material wire insulation PE Amount wires 4  Outer diameter insulation PE Amount freeness wire insulation lead-free, CFC-free, halogen-free Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Traversing distance (C-frack) 5 m @ 25 °C Current load capacity (invier) 7  Diameter of single wires 22 AWG Conductor crosssection (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 Current load capacity min. wire 5000 MC × km Nominal voltage power AC max. 300 V Electrical resistance line constant (wire - wire) Fower frequency withstand voltage power  2 MW 60 s Power frequency withstand voltage power  2 MW 60 s Power frequency withstand voltage power		
Filler  yes wire arrangement white, yellow, blue, orange No. of bending cycles (C-track) 3 Mo. @ 25 °C Gable weight 69.3 g/m Material jacket PUR Shore hardness jacket Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6.7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) Anount wires 4 Outer diameter tolerance core insulation PE Anount strands (wire) Shore hardness wire insulation lead-free, CFC-free, halogen-free Naturatinds wire insulation 1.4 mm Outer diameter tolerance core insulation 65 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Anount 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) 10 DIN VDE 0298-4 Current load capacity min. wire Loar presistance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 55 Ω/km @ 20 °C Current load capacity min. wire Lefectrical resistance line constant wire 55 Ω/km @ 20 °C Loop resistance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 55 Ω/km @ 20 °C Loop resistance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 5000 PF/km 4C with stand voltage power (wire - shield) 2 kV @ 60 s 2 PWG or Frequency withstand voltage power 3 W Ø 60 s 2 PWG or Frequency withstand voltage power 3 W Ø 60 s	Banding	
wire arrangement         white, yellow, blue, orange           No. of bending cycles (C-track)         3 Mio. @ 25 °C           Cable weight         69.3 g/m           Material jacket         PUR           Shore hardness jacket         89 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         6,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         FRINC           Color (inner jacket)         natur           Material wire insulation         PE           Amount wires         4           Outer diameter insulation         PE           Annount wire insulation         65 Shore D           Unpredient freeness wire insulation         65 Shore D           Ingredient freeness wire insulation         feed-free, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crossection (wire)         22 AWG           Conductor wire         Stranded copper wire, bare           Traversing distance (C-track)         5 m@ 25 °C           Current load capacity min. wire         4,8 A           Characteristic impedance	Filler	yes
No. of bending cycles (C-track)  3 Mio. @ 25 °C Cable weight  69,3 g/m  Material jacket  PUR  Shore hardness jacket  89 Shore A  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Outer-diameter (jacket)  Color (finer jacket)  Material inner jacket  FRNC  Color (finer jacket)  Material wire insulation  PE  Amount wires  4  Outer diameter insulation  Shore hardness wire insulation  Ingredient freeness wire insulation  Shore hardness wire insulation  Ingredient freeness wire ins	wire arrangement	· · · · · · · · · · · · · · · · · · ·
Cable weigth 69,3 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 6,7 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket FRINC  Color (inner jacket) natur  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,4 mm  Outer diameter insulation 55 Shore D  Ingredient freeness wire insulation 65 Shore D  Ingredient freeness wire insulation 162 AWG  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 (standard) to DIN VDE 0298-4  Characteristic impedance 100 Ω ± 15 % @ 100 MHz  Electrical resistance line constant wire 55 Ω/km @ 20 °C  Loop resistance 5000 MΩ × km  Nominal voltage power AC max.  Electrical capacity line constant (wire - wire) flower frequency withstand voltage power (wire - shield) 2 kW @ 60 s  Power frequency withstand voltage power (wire - shield) 2 kW @ 60 s  Power frequency withstand voltage power (wire - shield) 2 kW @ 60 s	No. of bending cycles (C-track)	
Material jacket         PUR           Shore hardness jacket         89 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         6,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         FRNC           Color (inner jacket)         natur           Material wire insulation         PE           Amount wires         4           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         65 Shore D           Observations for insulation         65 Shore D           Namount strands (wire)         7           Diameter of single wires         22 AWG           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 finance (C-track)         5 m @ 25 °C           Current load capacity finance (C-track)         5 m @ 25 °C           Current load capacity min. wire         4,8 A           Characteristic impedance         <	Cable weigth	69,3 g/m
Shore hardness jacket         89 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         6,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material iner jacket         FRNC           Color (inner jacket)         natur           Material wire insulation         PE           Amount wires         4           Outer diameter insulation         1,4 mm           Outer diameter tolerance core insulation         £ 5 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor orssection (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 min. wire         4,8 A           Characteristic impedance         100 Ω ± 15 % @ 100 MHz           Electrical resistance         5000 MΩ × km           Nominal voltage power AC max.         300 V      <		
Outer-diameter (jacket)         6,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         FRNC           Color (inner jacket)         natur           Material wire insulation         PE           Amount wires         4           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         65 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           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 % @ 100 MHz           Electrical resistance line constant wire         55 Ω/km @ 20 °C           Loop resistance         50000 pF/km           Nominal voltage power AC max.         300 V           Electrical capacity line constant (wire - wire) (power)         2 kV @ 60 s	Shore hardness jacket	89 Shore A
Outer-diameter (jacket)         6,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         FRNC           Color (inner jacket)         natur           Material wire insulation         PE           Amount wires         4           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         65 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           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 % @ 100 MHz           Electrical resistance line constant wire         55 Ω/km @ 20 °C           Loop resistance         50000 pF/km           Nominal voltage power AC max.         300 V           Electrical capacity line constant (wire - wire) (power)         2 kV @ 60 s	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material inner jacket FRNC  Color (inner jacket) natur  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,4 mm  Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 1ead-free, CFC-free, halogen-free  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 $\Omega \pm 15 \%$ @ 100 MHz  Electrical resistance line constant wire 50000 pF/km  Nominal voltage power AC max. 300 V  Electrical capacity line constant (wire - wire) 50000 pF/km  AC withstand voltage power (wire - shield) 2 kW @ 60 s  Power frequency withstand voltage power	Outer-diameter (jacket)	6,7 mm
Color (inner jacket)  Material wire insulation  PE  Amount wires  4  Outer diameter insulation  1,4 mm  Outer diameter tolerance core insulation  55 %  Shore hardness wire insulation  1,4 mm  Outer diameter tolerance core insulation  55 Shore D  Ingredient freeness wire insulation  Ingredient freeness wir	Tolerance outer diameter (sheath)	± 5 %
Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,4 mm  Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 65 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  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 $\Omega \pm 15 \%$ 0100 MHz  Electrical resistance line constant wire 55 $\Omega$ /km @ 20 °C  Loop resistance 5000 $\Omega$ x km  Nominal voltage power AC max. 300 V  Electrical capacity line constant (wire - wire) (power)  AC withstand voltage power (wire - shield) 2 kV @ 60 s  Power frequency withstand voltage power	Material inner jacket	FRNC
Amount wires  4 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation 5 Shore hardness wire insulation 1,4 mm Outer diameter tolerance core insulation 65 Shore D Ingredient freeness wire insulation Ingredient freeness wire ins	Color (inner jacket)	natur
Outer diameter insulation       1,4 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       65 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         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 % @ 100 MHz         Electrical resistance line constant wire       55 Ω/km @ 20 °C         Loop resistance       5000 MΩ × km         Nominal voltage power AC max.       300 V         Electrical capacity line constant (wire - wire) (power)       50000 pF/km         AC withstand voltage power (wire - shield)       2 kV @ 60 s         Power frequency withstand voltage power       2 kV @ 60 s	Material wire insulation	PE
Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       65 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         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 % @ 100 MHz         Electrical resistance line constant wire       55 Ω/km @ 20 °C         Loop resistance       5000 MΩ × km         Nominal voltage power AC max.       300 V         Electrical capacity line constant (wire - wire) (power)       50000 pF/km         AC withstand voltage power (wire - shield)       2 kV @ 60 s         Power frequency withstand voltage power       2 kV @ 60 s	Amount wires	4
Shore hardness wire insulation 65 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  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 $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ Electrical resistance line constant wire $55 \Omega/\text{km} @ 20 °C$ Loop resistance $5000 \text{ M}\Omega \times \text{km}$ Nominal voltage power AC max. $300 \text{ V}$ Electrical capacity line constant (wire - wire) (power)  AC withstand voltage power (wire - shield) $2 \text{ kV} @ 60 \text{ s}$ Power frequency withstand voltage power	Outer diameter insulation	1,4 mm
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  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 \( \Omega \text{15 \% @ 100 MHz} \)  Electrical resistance line constant wire  55 \( \Omega / \text{km} \) @ 20 °C  Loop resistance  5000 \( \Omega \times \text{km} \) \( \Omega \text{cond} \)  Nominal voltage power AC max.  300 V  Electrical capacity line constant (wire - wire) (power)  AC withstand voltage power (wire - shield)  2 kV @ 60 s  Power frequency withstand voltage power	Outer diameter tolerance core insulation	± 5 %
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 % @ 100 MHz         Electrical resistance line constant wire       55 Ω/km @ 20 °C         Loop resistance       5000 MΩ × km         Nominal voltage power AC max.       300 V         Electrical capacity line constant (wire - wire) (power)       50000 pF/km         AC withstand voltage power (wire - shield)       2 kV @ 60 s         Power frequency withstand voltage power       2 kV @ 60 s	Shore hardness wire insulation	65 Shore D
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 % @ 100 MHz  Electrical resistance line constant wire  55 Ω/km @ 20 °C  Loop resistance  5000 MΩ × km  Nominal voltage power AC max.  300 V  Electrical capacity line constant (wire - wire) (power)  AC withstand voltage power (wire - shield)  2 kV @ 60 s  Power frequency withstand voltage power	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
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 % @ 100 MHz         Electrical resistance line constant wire       55 Ω/km @ 20 °C         Loop resistance       5000 MΩ × km         Nominal voltage power AC max.       300 V         Electrical capacity line constant (wire - wire) (power)       50000 pF/km         AC withstand voltage power (wire - shield)       2 kV @ 60 s         Power frequency withstand voltage power       2 kV @ 60 s	Amount strands (wire)	7
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 % @ 100 MHz         Electrical resistance line constant wire       55 Ω/km @ 20 °C         Loop resistance       5000 MΩ × km         Nominal voltage power AC max.       300 V         Electrical capacity line constant (wire - wire) (power)       50000 pF/km         AC withstand voltage power (wire - shield)       2 kV @ 60 s         Power frequency withstand voltage power       2 kV @ 60 s	Diameter of single wires	22 AWG
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 % @ 100 MHz  Electrical resistance line constant wire 55 Ω/km @ 20 °C  Loop resistance 5000 MΩ × km  Nominal voltage power AC max. 300 V  Electrical capacity line constant (wire - wire) (power)  AC withstand voltage power (wire - shield) 2 kV @ 60 s  Power frequency withstand voltage power	Conductor crosssection (wire)	22 AWG
Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,8 A  Characteristic impedance $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ Electrical resistance line constant wire $55 \Omega/\text{km} @ 20 \text{ °C}$ Loop resistance $5000 \text{ M}\Omega \times \text{km}$ Nominal voltage power AC max. $300 \text{ V}$ Electrical capacity line constant (wire - wire) (power)  AC withstand voltage power (wire - shield) $2 \text{ kV} @ 60 \text{ s}$ Power frequency withstand voltage power	Material conductor wire	Stranded copper wire, bare
Current load capacity min. wire $4,8 \text{ A}$ Characteristic impedance $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ Electrical resistance line constant wire $55 \Omega/\text{km} @ 20 \degree \text{C}$ Loop resistance $5000 \text{ M}\Omega \times \text{km}$ Nominal voltage power AC max. $300 \text{ V}$ Electrical capacity line constant (wire - wire) (power) $50000 \text{ pF/km}$ AC withstand voltage power (wire - shield) $2 \text{ kV} @ 60 \text{ s}$ Power frequency withstand voltage power $2 \text{ kV} @ 60 \text{ s}$	Traversing distance (C-track)	5 m @ 25 °C
Characteristic impedance $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ Electrical resistance line constant wire $55 \Omega/\text{km} @ 20 ^{\circ}\text{C}$ Loop resistance $5000 \text{ M}\Omega \times \text{km}$ Nominal voltage power AC max. $300 \text{ V}$ Electrical capacity line constant (wire - wire) (power) $50000 \text{ pF/km}$ AC withstand voltage power (wire - shield) $2 \text{ kV} @ 60 \text{ s}$ Power frequency withstand voltage power $2 \text{ kV} @ 60 \text{ s}$	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire 55 Ω/km @ 20 °C  Loop resistance 5000 MΩ × km  Nominal voltage power AC max. 300 V  Electrical capacity line constant (wire - wire) (power) 50000 pF/km  AC withstand voltage power (wire - shield) 2 kV @ 60 s  Power frequency withstand voltage power 2 kV @ 60 s	Current load capacity min. wire	4,8 A
Loop resistance     5000 MΩ × km       Nominal voltage power AC max.     300 V       Electrical capacity line constant (wire - wire) (power)     50000 pF/km       AC withstand voltage power (wire - shield)     2 kV @ 60 s       Power frequency withstand voltage power     2 kV @ 60 s	Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Nominal voltage power AC max.  300 V  Electrical capacity line constant (wire - wire) (power)  50000 pF/km  AC withstand voltage power (wire - shield)  2 kV @ 60 s  Power frequency withstand voltage power	Electrical resistance line constant wire	55 Ω/km @ 20 °C
Electrical capacity line constant (wire - wire) (power)  AC withstand voltage power (wire - shield)  2 kV @ 60 s  Power frequency withstand voltage power  2 kV @ 60 s	Loop resistance	5000 MΩ × km
(power)  AC withstand voltage power (wire - shield)  2 kV @ 60 s  Power frequency withstand voltage power  2 kV @ 60 s	Nominal voltage power AC max.	300 V
Power frequency withstand voltage power	Electrical capacity line constant (wire - wire) (power)	50000 pF/km
	AC withstand voltage power (wire - shield)	2 kV @ 60 s
	Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s



AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °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
Bending radius (dynamic)	12 x Outer diameter
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m