

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

PUR 1x4xAWG22 shielded gn UL/CSA 15m

## **Ethernet CAT5e**

Transmission properties with channel transmission up to 100 m Male straight - male straight

M12 - M12, 4-pole

D-coded

shielded

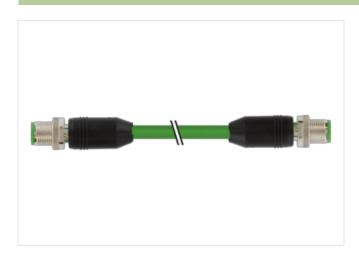
Further cable lengths on request.

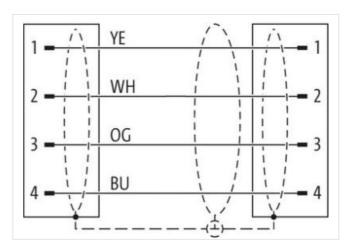
Plastic housings with good resistance against chemicals and oils.

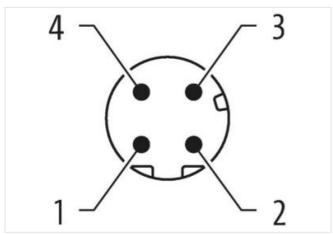
The resistance to aggressive media should be individually tested for your application. Further details on request.

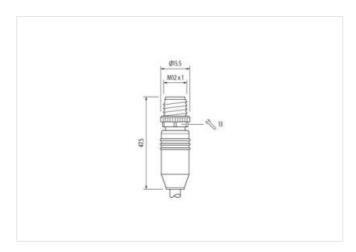
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

15 m



stay connected

Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
	0.0 N
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread Cable sutlet	M12 x 1
Cable outlet	straight
Coding	D
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879403924
Packaging unit	1
Electrical data   Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication   Ethernet fur	ctionality
duplex	Full duplex
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	1,010
	•
Mechanical data	
Contour for corrugated hose	without



stay connected

Mechanical data   Mounting data	Coating locking	Nickeled
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climate Departing temperature min. 925 °C Departing temperature max. 85 °C distribution control methods temperature max. 95 °C Departing temperature max. 95 °C Important installation notes  Who on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12) Installation   Cabbe Debate identification   794  Installation   Cabbe		
Januaring method inserted, screwed, Shaking protection  Environmental characteristics   Climate  Joperating temperature main.  25 °C  Joperating temperature max.  88 °C  Additional condition temperature range Important installation notes  John on strain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable dies.  Attention: Coserve the permissible bornding radii when laying cables, as the IP protection class can be ontangered by excessive bending radii when laying cables, as the IP protection class can be ontangered by excessive bending forces.  Conformity  Product standard  DIN EN 81076-2-101 (M12)  Installation   Cable  Jobe identification  794  John Selford-2-101 (M12)  Installation   Cable  Jobe identification  794  Aviries around Filler twisted  John Selford-2-101 (M12)  John Selford-2-		
Environmental characteristics   Climatic )-poerating temperature max. 25 °C )-poerating temperature max. 85 °C deficient programment maximum and the project of the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076 2-101 (M12) Installation   Cable  Coable Identification   794  Cables Color green  Cables (Color green  Cables (Color) green  Cab		
Departing temperature min. 25 °C Departing temperature max. 85 °C decidenced continue temperature range depending on cable quality  Important installation notes  Note on train relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be contomiting radii when laying cables, as the IP protection class can be contomiting radii when laying cables, as the IP protection class can be contomiting radii when laying cables, as the IP protection class can be contomiting radii when laying cables, as the IP protection class can be contomiting radii when laying cables, as the IP protection class can be contomiting radii when laying cables, as the IP protection class can be contomiting radii when laying cables, as the IP protection class can be contomiting radii when laying cables, as the IP protection class can be contomiting radii when laying cables, as the IP protection class can be contomiting radii when laying cables, as the IP protection class can be contomiting radii when laying cables, as the IP protection class can be contomiting radii when laying cables, as the IP protection class can be called the contomiting radii when laying cables, as the IP protection class can be called the contomiting radii when laying cables, as the IP protection class can be called the contomiting radii when laying cables, as the IP protection class can be called the contomiting radii when laying cables, as the IP protection class can be called the contomiting radii when laying cables, as the IP protection class can be called the contomiting radii when laying cables, as the IP protection class can be called the contomiting radii when laying cables, as the IP protection class can be called the contomiting radii when laying cables, as the IP protection class can be called the contomiting radii when laying cables, as the IP protection class.  The contomiting radii when laying cables, as the IP	Mounting method	inserted, screwed, Shaking protection
perating temperature max. 85 °C 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 lies. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable    Sable identification 794  Sacket Color green    Syree of Certificate    Sale identification 4 wires around Filler twisted    Sate is shielding (type)    Sable is shielding (sable)    Sarading Fisce, Foil    White, yellow, blue, orange    Sale was a sale is shielding (sable)    Sale was a sale is shielding (sable)    Sal	Environmental characteristics   Climatic	
Important installation notes	Operating temperature min.	-25 °C
Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Protect and and an advanced by excessive bending forces.           Conformity         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification           2able identification         794           acket Color         green           Yee of Certificate         CUBUs           Amount stranding         1           Stranding         4 wires around Filler twisted           Sable shielding (coverage)         85 %           Sandring         Fleece, Foil           View arrangement         white, yellow, blue, orange           Sable weight         75 37 g/m           Asterial jacket         PUR           Pulser-disenter (glacket)         6,7 mm           Olderance outer diameter (sheath)         ± 5 %           Asterial inner jacket         FRNC           Johrer Lameter insulation         PE           Immount strands (wire)         7           Type (active insulation)         PE           Information of glade wires         22 AWG	Operating temperature max.	85 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable    Sable identification 794  Iacket Color green  QURUs  Windows around Filter twisted  CURUs  Windows around Filter twisted  Cultus  Windows around Filter twisted  Abite shielding (type) copper braid, timed  Sable shielding (coverage) 85 %  Sanding Fleece, Foil  Filter ys  Sanding Fleece, Foil  Windows arrangement white, yellow, blue, orange  Sable weight 75,87 g/m  Atterial jacket PUR  Shore hardness jacket 188 Shore A  Firedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Obter-diameter (jacket) white  Atterial inner jacket   FRINC  Obter diameter (jacket) white  Atterial wire insulation PE  Material anner jacket   FRINC  Dotter diameter (sheath) 1,55 mm  Duter diameter insulation PE  Material anner insulation PE  Material anner insulation PE  Material anner insulation PE  Atterial wire insulation PE  Material anner insulation PE  Atterial marks wire insulation PE  Material anner insulation PE  Material conductor wire Stranded copper wire, bare  Mount strandes wire insulation 1,55 mm  Duter diameter foliance or insulation 1,55 mm  Duter diameter foliance insulation 1,55 mm  Duter diameter of single wires 22 AWG  Material conductor wire Stranded copper wire, bare  Mount strandes (wire) 7  Dameter of single wires 2000 F/Nm  Diver reparency wirestanded voltage (wire - wire) 25 M/W 60 s  Selectical capacity line constant (wire - wire) 55 M/W 60 s  Selectical capacity line constant (wire - wire) 55 M/W 60 s	Additional condition temperature range	depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ondangered by socessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Sable Identification 794  Sable Identification 794  Sable Identification (Cable Culfus Cu	Important installation notes	
Attention: Observe the permissible bending radius on bending radius and processor obsorbing forces.  Conformity  Product standard DIN EN 61076-2-101 (M12) Installation   Cable  Sable Identification 794 Sable Identification 795 Sable Identificatio	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Installation   Cable	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation   Cable	Conformity	
Associated   Color   Green   Color	•	DIN EN 61076-2-101 (M12)
Part		DIN EN 01070-2-101 (IN12)
Activated Color   green   URus   Color   URus   Color   Certificate   URus   Color   Certificate   URus   Color   Certificate   URus   Color   Color   Certificate   Color   Color   Certificate   Color   Certificate   Certifi	Installation   Cable	
Sype of Certificate   CURus	Cable identification	794
Amount stranding 1 Stranding 4 wires around Filler twisted  Abble shielding (type) copper braid, finned  Abble shielding (coverage) 85 %  Banding Fleece, Foil  Fleece, Foil  Fleere, F	Jacket Color	green
Stranding 4 wires around Filler twisted copper braid, tinned copper braid copper	Type of Certificate	cURus
Cable shielding (type)         copper braid, tinned           Zable shielding (coverage)         85 %           Banding         Fleece, Foil           Willer         yes           Wire arrangement         white, yellow, blue, orange           Zable weigth         75,87 g/m           Atterfal jacket         PUR           Shore hardness jacket         89 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Duter-diameter (jacket)         6,7 mm           Follorance outer diameter (sheath)         ± 5 %           Atterial inner jacket         FRNC           Jool or (inner jacket)         white           Atterial wire insulation         PE           Vancount wires         4           Duter diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore be hardness wire insulation         5 %           Shore be hardness wire insulation         lead-free, CFC-free, halogen-free           Whore the same wire insulation         1 sex free           Object plane wires         2 AWG	Amount stranding	·
Cable shielding (coverage)         85 %           Banding         Fleece, Foil           Filler         yes           vire arrangement         white, yellow, blue, orange           Cable weigth         75,87 g/m           Alaterial jacket         PUR           Shore hardness jacket         89 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Duter-diameter (jacket)         6,7 mm           FINIC         Color (inner jacket)           Alaterial inner jacket         FRNC           Color (inner jacket)         white           Alaterial wire insulation         PE           Amount wires         4           Vuter diameter insulation         1,55 mm           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           Onductor crosssection (wire)         22 AWG           Material conductor wire         Stranded copper wire, bare           Sominal voltage AC max.         300 V           Current load capacity min. wire         4,8 A           Charac	Stranding	4 wires around Filler twisted
Sandring Fleece, Foil  Filler yes  white, yellow, blue, orange  Able weight 75,87 g/m  Alaterial jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter-diameter (jacket) 6,7 mm  Tolerance outer diameter (sheath) ± 5 %  Alaterial inner jacket FRINC  Color (inner jacket) white  Alaterial wire insulation PE  Mount wires 4  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 1,55 mm  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation lead-free, CFC-free, halogen-free  Amount strands (wire) 7  Diameter of single wires 22 AWG  Alaterial conductor wire Stranded copper wire, bare  Conductor crosssection (wire) 22 AWG  Alaterial conductor wire Stranded copper wire, bare  Command voltage AC max. 300 V  Current load capacity min. wire 4,8 A  Characteristic impedance 100 Ω ± 15 %  Color (inner jacket) 100 Ω ± 15 %  Color (inner jacket) 25000 pF/km  Color (inner jacket) 25000	Cable shielding (type)	copper braid, tinned
wire arrangement white, yellow, blue, orange  75.87 g/m  Alterial jacket PUR  Shore hardness jacket PUR  Shore hardness jacket PUR  Shore hardness jacket Borre A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter-diameter (jacket) 6,7 mm  Tolerance outer diameter (sheath) ± 5 %  Alterial inner jacket FRNC  Dolor (inner jacket) white  Alterial vire insulation PE  Amount wires 4  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 1,55 mm  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation lead-free, CFC-free, halogen-free  Amount strands (wire) 7  Diameter of single wires 22 AWG  Donductor crosssection (wire) 22 AWG  Shorial voltage AC max. 300 V  Durent load capacity (standard) to DIN VDE 0298-4  Current load capacity ine constant wire 4,8 A  Characteristic impedance 100 PF/km  Power frequency withstand voltage (wire - vire) 2 kV @ 60 s  Electrical capacity line constant (wire - vive) 2 kV @ 60 s  Electrical capacity intstand voltage (wire - vive) 2 kV @ 60 s	Cable shielding (coverage)	85 %
white, yellow, blue, orange  Cable weigth 75,87 g/m  Alaterial jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter-diameter (jacket) 6,7 mm  Folerance outer diameter (sheath) ± 5 %  Alaterial inner jacket FRNC  Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Duter diameter tolerance core insulation 1,55 mm  Duter diameter tolerance core insulation 55 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  Command voltage AC max. 300 V  Zurrent 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 ine constant wire 55 Ω/km @ 20 °C  CK withstand voltage (wire - wire) 2 kW @ 60 s  Folework free free constant (wire - wire) 2 kW @ 60 s  Folework free free constant (wire sure)  Second PK & Constant (wire - wire)  Second PK & Constant (wire sure)  Second PK & Constant (wire sure)  Second PK & Constant (wire - wire)  Second PK & Constant (wire sure)  Second PK & Cons	Banding	Fleece, Foil
Cable weight 75,87 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  Duter-diameter (jacket) 6,7 mm  Color (inner jacket) FRNC  Color (inner jacket) white  Material inner jacket) white  Material wire insulation PE  Amount wires 4  Duter diameter tolerance core insulation 55 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  Auterial conductor wire Stranded copper wire, bare  Mominal 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 (standard) to DIN VDE 0298-4  Current load capacity ine constant wire 55 Ω/km @ 20 °C  CK withstand voltage (wire - wire) 55 200 pF/km  Power frequency withstand voltage (wire - wire) 55 200 pF/km  Power frequency withstand voltage (wire - wire) 55 200 pF/km  Power frequency withstand voltage (wire - wire) 55 200 pF/km  Power frequency withstand voltage (wire - wire) 55 200 pF/km  Power frequency withstand voltage (wire - wire) 55 200 pF/km  Power frequency withstand voltage (wire - wire) 55 200 pF/km	Filler	yes
Alterial jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Alaterial inner jacket FRNC Dolor (inner jacket) white Material wire insulation PE Amount wires 4 Duter diameter insulation 1,55 mm Duter diameter insulation 56 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Donductor crosssection (wire) 22 AWG Alaterial conductor wire Stranded copper wire, bare Mominal voltage AC max. 300 V Durent load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity ine constant wire 50 Ωkm @ 20 °C CK withstand voltage (wire - wire) 500 pF/km Power frequency withstand voltage (wire - 2 kW @ 60 s Electrical capacity line constant (wire - 2 kW @ 60 s	vire arrangement	white, yellow, blue, orange
Shore hardness jacket  89 Shore A  Freedom from ingredients (jacket)  Duter-diameter (jacket)  6,7 mm  Folerance outer diameter (sheath)  4 5 %  Material inner jacket  Material inner jacket)  Material inner jacket)  Material wire insulation  PE  Mount diameter insulation  Duter diameter tolerance core insulation  Duter diameter tolerance core insulation  Duter diameter tolerance core insulation  Diameter of single wires  Diameter of single wires  Diameter of single wires  Doucland conductor wire  Material conductor wire  Stranded copper wire, bare  Mount voltage AC max.  Dourent load capacity (standard)  Durent load capacity min. wire  4,8 A  Characteristic impedance  Douclage (wire - wire)  Douclage (wire - wire)  Strong Douclage (wire - wire)  Stephen Do	Cable weigth	75,87 g/m
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Material jacket	PUR
Duter-diameter (jacket)     6,7 mm       Folerance outer diameter (sheath)     ± 5 %       Material inner jacket     FRNC       Color (inner jacket)     white       Alaterial wire insulation     PE       Amount wires     4       Outer diameter tolerance core insulation     1,55 mm       Outer diameter tolerance core insulation     65 Shore D       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       Mominal voltage AC max.     300 V       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity min. wire     4,8 A       Characteristic impedance     100 Ω ± 15 %       Electrical resistance line constant wire     55 Ω/km @ 20 °C       VG withstand voltage (wire - wire)     2 kV @ 60 s       Electrical capacity line constant (wire - wire)     52 kV @ 60 s       Power frequency withstand voltage (wire - wire)     50000 pF/km	Shore hardness jacket	
Foliarance outer diameter (sheath) ± 5 %  Material inner jacket FRNC  Color (inner jacket) white  Material wire insulation PE  Amount wires 4  Duter diameter insulation 1,55 mm  Duter diameter tolerance core insulation 55 %  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  Mominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Characteristic impedance 100 Ω ± 15 %  Electrical resistance line constant wire 55 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 52000 pF/km  Power frequency withstand voltage (wire -	reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Adaterial inner jacket  Color (inner jacket)  Amount wires  Amount wire wire insulation  Amount strands (wire)  Amount str	Outer-diameter (jacket)	6,7 mm
Color (inner jacket)  Material wire insulation  PE  Amount wires  4  Duter diameter insulation  1,55 mm  Duter diameter tolerance core insulation  55 Mone hardness wire insulation  65 Shore D  Ingredient freeness wire insulation  Ing	Tolerance outer diameter (sheath)	± 5 %
Atterial wire insulation  PE Amount wires  4  Duter diameter insulation  1,55 mm  Duter diameter tolerance core insulation  55 Shore D  Ingredient freeness wire insulation  Ingredient freenes wire insulati	Material inner jacket	FRNC
Amount wires  4  Duter diameter insulation  1,55 mm  Duter diameter tolerance core insulation  5 %  Shore hardness wire insulation  1,55 mm  1,55 mm  Duter diameter tolerance core insulation  65 Shore D  Ingredient freeness wire insulation  I lead-free, CFC-free, halogen-free  Amount strands (wire)  7  Diameter of single wires  22 AWG  Conductor crosssection (wire)  22 AWG  Atterial conductor wire  Stranded copper wire, bare  Sominal voltage AC max.  300 V  Current load capacity (standard)  Current load capacity (standard)  Current load capacity min. wire  4,8 A  Characteristic impedance  100 \( \Omega \pm 15 \)%  Electrical resistance line constant wire  55 \( \Omega \text{KM} \mathred{\text{@ 60 s}} \)  Electrical capacity line constant (wire - wire)  Electrical capacity line constant (wire - wire)  Fower frequency withstand voltage (wire -	Color (inner jacket)	
Duter diameter insulation  1,55 mm  Duter diameter tolerance core insulation  65 Shore D  Ingredient freeness wire insulation  Ingredient freenesses wire insulation  Ingredient freenesses  Ingredient freenesses  Ingredient freenesses  Ingredient freenesses  Ingredient freenes  Ingredient freenesses  Ingredient freenesses	Material wire insulation	
Duter 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  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,8 A  Characteristic impedance 100 $\Omega \pm 15\%$ Electrical resistance line constant wire 55 $\Omega$ /km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Electrical capacity line constant (wire - wire) 52000 pF/km	Amount wires	
Shore hardness wire insulation  65 Shore D  Ingredient freeness wire insulation  I 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  Nominal voltage AC max.  300 V  Current load capacity (standard)  Current load capacity min. wire  4,8 A  Characteristic impedance  100 \Omega ± 15 %  Electrical resistance line constant wire  55 \Omega/km @ 20 °C  AC withstand voltage (wire - wire)  2 kV @ 60 s  Electrical capacity line constant (wire - wire)  Power frequency withstand voltage (wire -	Outer diameter insulation	
Ingredient freeness wire insulation  Iead-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  Nominal voltage AC max.  300 V  Current load capacity (standard)  To DIN VDE 0298-4  Current load capacity min. wire  4,8 A  Characteristic impedance  100 \Omega \pm 15 \%  Electrical resistance line constant wire  55 \Omega/km @ 20 \circ  CW (withstand voltage (wire - wire)  2 kV @ 60 s  Electrical capacity line constant (wire - wire)  2 kV @ 60 s		
Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 \Omega ± 15 % Electrical resistance line constant wire 55 \Omega/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 2 kV @ 60 s	Shore hardness wire insulation	
Diameter of single wires       22 AWG         Conductor crosssection (wire)       22 AWG         Material conductor wire       Stranded copper wire, bare         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4,8 A         Characteristic impedance       100 Ω ± 15 %         Electrical resistance line constant wire       55 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Electrical capacity line constant (wire - wire)       52000 pF/km         Power frequency withstand voltage (wire -       2 kV @ 60 s	ngredient freeness wire insulation	
Conductor crosssection (wire)  22 AWG  Material conductor wire  Stranded copper wire, bare  Nominal voltage AC max.  300 V  Current load capacity (standard)  Current load capacity min. wire  4,8 A  Characteristic impedance  100 \Omega \pm 15 \%  Electrical resistance line constant wire  55 \Omega/km @ 20 \circ  AC withstand voltage (wire - wire)  2 kV @ 60 s  Electrical capacity line constant (wire - wire)  2 kV @ 60 s  Electrical capacity line constant (wire - wire)  2 kV @ 60 s	Amount strands (wire)	
Material conductor wire       Stranded copper wire, bare         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4,8 A         Characteristic impedance       100 Ω ± 15 %         Electrical resistance line constant wire       55 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Electrical capacity line constant (wire - wire)       52000 pF/km         Power frequency withstand voltage (wire -       2 kV @ 60 s	Diameter of single wires	
Nominal voltage AC max.  300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,8 A  Characteristic impedance 100 Ω ± 15 %  Electrical resistance line constant wire 55 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Electrical capacity line constant (wire - wire) 52000 pF/km  Power frequency withstand voltage (wire -	Conductor crosssection (wire)	22 AWG
Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,8 A  Characteristic impedance $100 \Omega \pm 15 \%$ Electrical resistance line constant wire $55 \Omega / \text{km} @ 20 \degree \text{C}$ AC withstand voltage (wire - wire) $2 \text{ kV} @ 60 \text{ s}$ Electrical capacity line constant (wire - wire) $52000 \text{ pF/km}$ Power frequency withstand voltage (wire - $2 \text{ kV} @ 60 \text{ s}$	Material conductor wire	
Current load capacity min. wire 4,8 A  Characteristic impedance $100 \Omega \pm 15 \%$ Electrical resistance line constant wire $55 \Omega / \text{km} @ 20 \degree \text{C}$ AC withstand voltage (wire - wire) $2 \text{ kV} @ 60 \text{ s}$ Electrical capacity line constant (wire - wire) $52000 \text{ pF/km}$ Power frequency withstand voltage (wire - $2 \text{ kV} @ 60 \text{ s}$	Nominal voltage AC max.	
Characteristic impedance $100 \Omega \pm 15 \%$ Electrical resistance line constant wire $55 \Omega / km @ 20 \degree C$ AC withstand voltage (wire - wire) $2 kV @ 60 s$ Electrical capacity line constant (wire - wire) $52000 pF/km$ Power frequency withstand voltage (wire - $2 kV @ 60 s$	Current load capacity (standard)	
Electrical resistance line constant wire 55 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Electrical capacity line constant (wire - wire) 52000 pF/km  Power frequency withstand voltage (wire - 2 kV @ 60 s	Current load capacity min. wire	•
AC withstand voltage (wire - wire) 2 kV @ 60 s  Electrical capacity line constant (wire - wire) 52000 pF/km  Power frequency withstand voltage (wire - 2 kV @ 60 s	Characteristic impedance	
Electrical capacity line constant (wire - wire) 52000 pF/km  Power frequency withstand voltage (wire - 2 kV @ 60 s	Electrical resistance line constant wire	
Power frequency withstand voltage (wire -		
	Electrical capacity line constant (wire - wire)	52000 pF/km
	Power frequency withstand voltage (wire - acket)	2 kV @ 60 s

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: 2024-05-09



AC withstand voltage (wire - shield)	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	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter