

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

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 5m

**Ethernet CAT5** Male 90° - male 90° M8 - M8, 4-pole shielded

Attention: Contact carrier turned to 180°!

Further cable lengths on request.

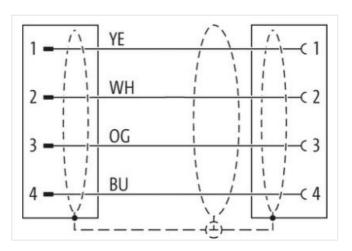
Plastic housings with good resistance against chemicals and oils.

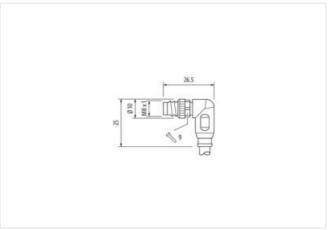
The resistance to aggressive media should be individually tested for your application. Further details on request.

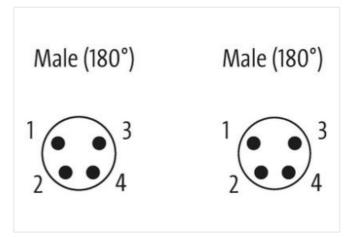
## **Link to Product**

## Illustration









Product may differ from Image



Cable length

5 m

Side 1



stay connected

Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP67
Side 2	
Thread	M8 x 1
Commercial data	
ECLASS-6.0	27061801
ECLASS-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	4048879611213
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A
Industrial communication	
	Will of course to OATE Olses D (IOO)IEO 44004)
Transfer parameters	With reference to CAT5, Class D (ISO/IEC 11801)
Data transmission rate max.	100 MBit/s
Industrial communication   Ethernet fun	ctionality
duplex	Full duplex
Device protection   Electrical	
Degree of protection (ISO 20653:2013)	IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	
Mechanical data   Material data	
Coating locking	Nickeled
Material housing	PUR
Locking material	Zinc die-casting
Mechanical data   Mounting data	
•	install account Chaling authories
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
Additional condition temperature range	
Important installation notes	
	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.



stay connected

Table   Identification   Table   Ta		
Jacket Color   green	Installation   Cable	
Type of Certificate cURus  Amount stranding 1  1	Cable identification	791
A wires star-shaped twisted   Stranding   A wires star-shaped twisted	Jacket Color	green
Stranding         4 wires star-shaped twisted           Cable shielding (type)         copper braid, timed           Sable shielding (coverage)         85 %           Bandring         Fiber tape, Fleece, Foll           Filler         yes           wire arrangement         white, orange, blue, yellow           Traversing distance (C-track)         5 m           Sable weight         \$9.4 ym           Material jacket         PUR           ***Freedom from ingredients (gacket)         lead-free, CFC-free, halogen-free           ***User diameter (gacket)         4,9 mm           ***Obstraction of user diameter (schealth)         ± 5 %           ***Material wire insulation         + 2           ***Duter diameter (schealth)         ± 5 %           ***Material wire insulation         + 2           ***Duter diameter (schealth)         ± 5 %           ***Material wire insulation         1,04 mm           ***Duter diameter (schealth)         ± 5 %           ***Material wire insulation         1,04 mm           ***Duter diameter (schealth)         ± 5 %           ***Mount strends (wire)         19           ***James (wire)         19           **James (wire)         25 AWG           **Material conductor wire </td <td>Type of Certificate</td> <td>cURus</td>	Type of Certificate	cURus
Cable shielding (coverage)         85 %           Cable shielding (coverage)         85 %           Banding         Fiber tape, Fleece, Foll           Filler         yes           write arrangement         white, orange, blue, yellow           Traversing distance (C-track)         5 m           Cable weigth         59.4 g/m           Valential jacket         PUR           Freedom from Ingradients (jacket)         4.9 mm           Olderance outer diameter (sheath)         4.5 %           Valential station         PP           Amount wives         4           Outer diameter insulation         PP           Amount strands (wire)         1.04 mm           Durer diameter insulation         1.04 mm           Durer diameter insulation         2.5 %           Suburer diameter insulation         1.04 mm           Durer diameter insulation         2.5 %           Suburer diameter insulation         1.04 mm           Durer diameter insulation         2.5 %           Suburer diameter insulation         2.5 %           Subure	Amount stranding	1
Cable shielding (coverage)         85 %           Banding         Fiber tape, Fleece, Foil           Filler         yes           wire arrangement         white, orange, blue, yellow           Traversing distance (C+rack)         5 m           Sable weight         594, g/m           Material jackst         PUR           Freedom from Ingredients (jacker)         lead-free, CFC-free, halogen-free           Uzer-diameter (jacket)         4,9 mm           Tolerance outer diameter (jacket)         ± 5 %           Material wire insulation         PP           Adarral wire insulation         1,04 mm           Duter diameter insulation         1,04 mm           Duter diameter insulation         ± 5 %           Amount strands (wire)         19           Diameter of single wires         28 AWG           Conductor crosssection (wire)         26 AWG           Vominal voltage AC max         300 V           Current load capacity (standard)         to DIN VDE 098-4           Current load capacity (standard)         to DIN VDE 060 s           Clectrical resistance line constant wire         140 Okm           AC withstand voltage (wire - shield)         0,7 kV @ 60 s           AC withstand voltage (wire - shield)         0,7 kV @ 60 s	Stranding	4 wires star-shaped twisted
Fiber tape, Fleece, Foil	Cable shielding (type)	copper braid, tinned
Filler   yes   white, orange, blue, yellow   Traversing distance (C-track)   5 m   Cable weigth   59.4 g/m   Sp.4 g/m	Cable shielding (coverage)	
wire arrangement         white, crange, blue, yellow           Traversing distance (C-track)         5 m           Sable weight         59,4 g/m           Material jacket         PUR           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Unter-diameter (jacket)         4,9 mm           Outer-diameter (jacket)         ± 5 %           Material wire insulation         PP           Amount wires         4           Unter diameter tolerance core insulation         1,04 mm           Duter diameter insulation         1,04 mm           Outer diameter insulation         1,04 mm           Duter diameter insulation         1,04 mm           Outer diameter insulation         2,6 M/G           Outer diameter insulation         1,04 mm           Diameter of single wires         26 AWG           Conductor crosssection (wire)         26 AWG           Conductor crosssection (wire)         26 AWG           Conductor wire         1,00 pm           Outer of single wires	Banding	Fiber tape, Fleece, Foil
Traversing distance (C-track)         5 m           Sable weight         59.4 g/m           Material jacket         PUR           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Duter diameter (jacket)         4,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Usuer diameter insulation         1,04 mm           Duter diameter tolerance core insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         19           Jainameter of single wires         26 AWG           Conductor crosssection (wire)         26 AWG           Material conductor wire         copper stranded wire, tinned           Nominal voltage AC max.         300 V           Current load capacity frain, wire         2,4 A           Characteristic impedance         100 IN VDE 0298-4           Current load capacity frain wire         140 Q/km           AC withstand voltage (wire - wire)         0,7 kV @ 60 s           Electrical resistance line constant wire         100 Q/km           AC withstand voltage (wire - shield)         0,7 kV @ 60 s           AC withstand voltage (wire - shield)         0,7 kV @ 60 s	Filler	yes
Cable weigth         59.4 g/m           Material jacket         PUR           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Duter-diameter (jacket)         4.9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Outer diameter tolerance core insulation         1,04 mm           Duter diameter tolerance core insulation         ± 5 %           Amount strands (wire)         19           Diameter of single wires         26 AWG           Conductor crosssection (wire)         28 AWG           Conductor crosssection (wire)         28 AWG           Courrent load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         2.4 A           Characteristic impedance         100 Ω ± 15 % @ 100 MHz           Electric capacitance in ine constant wire         140 Ω/km           AC withstand voltage (wire - wire)         0.7 kV @ 60 s           Electric capacitance         51000 pF/km           Ower frequency withstand voltage (wire - shield)         0.7 kV @ 60 s           AC withstand voltage (wire - shield)         0.7 kV @ 60 s           Max. operating temperature (fixed) </td <td>wire arrangement</td> <td>white, orange, blue, yellow</td>	wire arrangement	white, orange, blue, yellow
Material jacket         PUR           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Uouter-diameter (jacket)         4,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter follerance core insulation         1,04 mm           Duter diameter folerance core insulation         lead-free, CFC-free, halogen-free           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         26 AWG           Conductor crosssection (wire)         28 AWG           Material conductor wire         copper stranded wire, thined           Vominal Voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (min. wire         2,4 A           Characteristic impedance         100 Ω ± 15 % @ 100 MHz           Electrical resistance line constant wire         140 Ω/km           AC withstand voltage (wire - wire)         0,7 kV @ 60 s           Electric capacities         0,7 kV @ 60 s           Winc. operating temperature (static)         -40 °C           Wax. operating temp	Traversing distance (C-track)	5 m
lead-free, CFC-free, halogen-free	Cable weigth	59,4 g/m
Duter-diameter (jacket)         4,9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Duter diameter insulation         1,04 mm           Duter diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         26 AWG           Conductor crosssection (wire)         26 AWG           Material conductor wire         copper stranded wire, tinned           Nominal voltage AC max.         300 V           Durrent load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         2,4 A           Characteristic impedance         100 Q ± 15 % @ 100 MHz           Electrical resistance line constant wire         140 Q/km           CAC withstand voltage (wire - wire)         0,7 kV @ 60 s           Electric capacitance         51000 pF/km           Power frequency withstand voltage (wire - shield)         0,7 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (mixed)         30 °C           Operating temperature min. (dynamic)	Material jacket	PUR
Folerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Querer diameter insulation         1,04 mm           Duter diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         26 AWG           Conductor crosssection (wire)         26 AWG           Material conductor wire         copper stranded wire, tinned           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (wire wire)         10 Ω ± 15 % @ 100 MHz           Electrical resistance line constant wire         140 Ω/km           AC withstand voltage (wire - wire)         0,7 kV @ 60 s           Electric capacitance         51000 pF/km           Power frequency withstand voltage (wire - shield)         0,7 kV @ 60 s           AC withstand voltage (wire - shield)         0,7 kV @ 60 s           AC withstand voltage (wire - shield)         0,7 kV @ 60 s           AC withstand voltage (wire - shield)         0,7 kV @ 60 s	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Material wire insulation         PP           Amount wires         4           Duter diameter insulation         1,04 mm           Duter diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         26 AWG           Conductor crosssection (wire)         26 AWG           Material conductor wire         copper stranded wire, tinned           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (wire vire)         100 Ω ± 15 % @ 100 MHz           Electrical resistance line constant wire         140 Ω/km           AC withstand voltage (wire - wire)         0,7 kV @ 60 s           Electric capacitance         51000 pF/km           Power frequency withstand voltage (wire - shield)         0,7 kV @ 60 s           AC withstand voltage (wire - shield)         0,7 kV @ 60 s           AC withstand voltage (wire - shield)         0,7 kV @ 60 s           AC withstand voltage (wire - shield)         0,7 kV @ 60 s           AC perating temperature (shield)         0,7 kV @ 60 s	Outer-diameter (jacket)	4,9 mm
Amount wires 4  Duter diameter insulation 1,04 mm  Duter diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free  Amount strands (wire) 19  Diameter of single wires 26 AWG  Conductor crosssection (wire) 26 AWG  Material conductor wire copper stranded wire, tinned  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (standard) to DIN VDE 0298-4  Characteristic impedance 100 Ω ± 15 % @ 100 MHz  Electrical resistance line constant wire 140 Ω/km  AC withstand voltage (wire - wire) 0,7 kV @ 60 s  Electric capacitance 51000 pF/km  Power frequency withstand voltage (wire - shield) 0,7 kV @ 60 s  AC withstand voltage (wire - shield) 0,7 kV @ 60 s  Win. operating temperature (fixed) 80 °C  Operating temperature max. (dynamic) -30 °C  Operating temperature max. (dynamic) 70 °C  Elemental resistance Good, application-related testing Gasoline resistance  Bending radius (fixed) 7,5 x Outer diameter  DIN EN 60811-404 [Good, application-related testing Gasoline resistance DIN EN 60811-404 [Good, application-related testing Gasoline related test	Tolerance outer diameter (sheath)	±5%
Duter diameter insulation         1,04 mm           Duter diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         26 AWG           Conductor crosssection (wire)         26 AWG           Material conductor wire         copper stranded wire, tinned           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         2,4 A           Characteristic impedance         100 Ω ± 15 % @ 100 MHz           Electrical resistance line constant wire         140 Ω/km           AC withstand voltage (wire - wire)         0,7 kV @ 60 s           Electric capacitance         51000 pF/km           Power frequency withstand voltage (wire - shield)         0,7 kV @ 60 s           AC withstand voltage (wire - shield)         0,7 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (mixed)         80 °C           Operating temperature max. (dynamic)         70 °C           Elementical resistance         Good. application-related testing           Oblication-related testing         DIN EN 60811-404   Goo	Material wire insulation	PP
Duter diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         26 AWG           Conductor crosssection (wire)         26 AWG           Material conductor wire         copper stranded wire, tinned           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         2,4 A           Characteristic impedance         100 Ω± 15 % @ 100 MHz           Electrical resistance line constant wire         140 Ω/km           AC withstand voltage (wire - wire)         0,7 kV @ 60 s           Electric capacitance         51000 pF/km           Power frequency withstand voltage (wire - shield)         0,7 kV @ 60 s           AC withstand voltage (wire - shield)         0,7 kV @ 60 s           Max. operating temperature (static)         40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         70 °C           Elame resistance         IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090           Elemental resistance         Good, application-related testing           Casoline resistance         <	Amount wires	4
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free  Amount strands (wire) 19 Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire copper stranded wire, tinned  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 2,4 A  Characteristic impedance 100 Ω ± 15 % @ 100 MHz  Electrical resistance line constant wire 140 Ω/km  AC withstand voltage (wire - wire) 0,7 kV @ 60 s  Electric capacitance 51000 pF/km  Power frequency withstand voltage (wire - shield) 0,7 kV @ 60 s  AC withstand voltage (wire - shield) 0,7 kV @ 60 s  Min. operating temperature (fixed) 80 °C  Operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) 70 °C  Flame resistance EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Dil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 7,5 x Outer diameter	Outer diameter insulation	1,04 mm
Amount strands (wire) Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire copper stranded wire, tinned  Nominal voltage AC max. 300 V  Current load capacity (standard) Current load capacity min. wire 2,4 A  Cur	Outer diameter tolerance core insulation	±5%
Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2,4 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance Power frequency withstand voltage (wire - acket) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (mine - shield) 0,7 kV	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire)  Material conductor wire  copper stranded wire, tinned  300 V  Current load capacity (standard)  Characteristic impedance  100 \( \Omega \text{ 15 \% \@ 100 MHz} \)  Clarent load capacity min. wire  2,4 A  Characteristic impedance  100 \( \Omega \text{ 15 \% \@ 100 MHz} \)  Clarent load capacity min. wire  2,4 A  Characteristic impedance  100 \( \Omega \text{ 15 \% \@ 100 MHz} \)  Clarent load capacity min. wire  4AC withstand voltage (wire - wire)  7,7 kV \( \Omega \text{ 60 s} \)  Clectric capacitance  100 \( \Omega \text{ F/km} \)  Cover frequency withstand voltage (wire - \frac{1}{2} \)  20,7 kV \( \Omega \text{ 60 s} \)  Cover frequency withstand voltage (wire - \frac{1}{2} \)  AC withstand voltage (wire - \frac{1}{2} \)  AC withstand voltage (wire - \frac{1}{2} \)  AC withstand voltage (wire - \frac{1}{2} \)  Coverating temperature (static)  40 \( ^\mathrm{C} \)  Coverating temperature (fixed)  80 \( ^\mathrm{C} \)  Coverating temperature min. (dynamic)  70 \( ^\mathrm{C} \)  Coverating temperature max. (dynamic)  To \( ^\mathrm{C} \)  Flame resistance  EC 60332-2-2   UL 1581 \( \) 1100 FT2   UL 1581 \( \) 1990  chemical resistance  Good, application-related testing  Gasoline resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  7,5 x Outer diameter	Amount strands (wire)	19
Material conductor wire copper stranded wire, tinned  Nominal voltage AC max. $300 \text{ V}$ Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire $2.4 \text{ A}$ Characteristic impedance $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ Electrical resistance line constant wire $140 \Omega / \text{km}$ AC withstand voltage (wire - wire) $0.7 \text{ kV} @ 60 \text{ s}$ Electric capacitance $51000 \text{ pF/km}$ Power frequency withstand voltage (wire - $0.7 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (static) $40 \text{ °C}$ Max. operating temperature (fixed) $80 \text{ °C}$ Operating temperature min. (dynamic) $30 \text{ °C}$ Operating temperature max. (dynamic) $70 \text{ °C}$ Flame resistance [EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090 chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) $7.5 \times \text{ Outer diameter}$	Diameter of single wires	26 AWG
Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 2,4 A  Characteristic impedance 100 $\Omega$ ± 15 % @ 100 MHz  Electrical resistance line constant wire 140 $\Omega$ /km  AC withstand voltage (wire - wire) 0,7 kV @ 60 s  Electric capacitance 51000 pF/km  Power frequency withstand voltage (wire - shield) 0,7 kV @ 60 s  AC withstand voltage (wire - shield) 0,7 kV @ 60 s  Max. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 7,5 x Outer diameter	Conductor crosssection (wire)	26 AWG
Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 2,4 A  Characteristic impedance 100 $\Omega$ ± 15 % @ 100 MHz  Electrical resistance line constant wire 140 $\Omega$ /km  AC withstand voltage (wire - wire) 0,7 kV @ 60 s  Electric capacitance 51000 pF/km  Power frequency withstand voltage (wire - acket) 0,7 kV @ 60 s  AC withstand voltage (wire - shield) 0,7 kV @ 60 s  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -30 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Gaending radius (fixed) 7,5 x Outer diameter	Material conductor wire	copper stranded wire, tinned
Current load capacity min. wire 2,4 A Characteristic impedance $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ Electrical resistance line constant wire $140 \Omega / \text{km}$ AC withstand voltage (wire - wire) $0.7 \text{ kV} @ 60 \text{ s}$ Electric capacitance $51000 \text{ pF/km}$ Power frequency withstand voltage (wire - acket) $0.7 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $0.7 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (static) $-40 \text{ °C}$ Max. operating temperature (fixed) $80 \text{ °C}$ Operating temperature min. (dynamic) $-30 \text{ °C}$ Operating temperature max. (dynamic) $-30 \text{ °C}$ Cheritane resistance $-1000 \text{ kg}$ Electric capacitance $-1000 \text{ kg}$ Good, application-related testing $-1000 \text{ kg}$ Good, application-related testing $-1000 \text{ kg}$ Bending radius (fixed) $-7.5 \times 0 \text{ other diameter}$	Nominal voltage AC max.	300 V
Characteristic impedance $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ Electrical resistance line constant wire $140 \Omega / \text{km}$ AC withstand voltage (wire - wire) $0.7 \text{ kV} @ 60 \text{ s}$ Electric capacitance $51000 \text{ pF/km}$ Power frequency withstand voltage (wire - acket) $0.7 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $0.7 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $0.7 \text{ kV} @ 60 \text{ s}$ Win. operating temperature (static) $-40 ^{\circ}\text{C}$ Max. operating temperature (fixed) $80 ^{\circ}\text{C}$ Operating temperature min. (dynamic) $-30 ^{\circ}\text{C}$ Operating temperature max. (dynamic) $70 ^{\circ}\text{C}$ Elame resistance $1\text{EC} 60332 \cdot 2 \cdot 2 \cdot 2 \cdot 1 \text{ UL} 1581 \$ 1100 \text{ FT2} \cdot 1 \text{ UL} 1581 \$ 1090$ chemical resistance $6\text{cood}$ , application-related testing  Gasoline resistance $6\text{cood}$ , application-related testing  Dil resistance $9\text{DIN} \text{ EN} 60811 \cdot 404 \mid G\text{cood}$ , application-related testing  Bending radius (fixed) $7.5 ^{\circ}\text{ C}$ Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire  AC withstand voltage (wire - wire)  O,7 kV @ 60 s  Electric capacitance  Cower frequency withstand voltage (wire - one of the constant wire)  AC withstand voltage (wire - shield)  AC withstand voltage (wire - shield)  O,7 kV @ 60 s  AC withstand voltage (wire - shield)  O,7 kV @ 60 s  AC withstand voltage (wire - shield)  AC withstand voltage (wire - shield)  O,7 kV @ 60 s  AC withstand voltage (wire - shield)  AC withstand voltage (wire - shield)  O,7 kV @ 60 s  AC withstand voltage (wire - shield)  AC withstand voltage (wire - shield)  O,7 kV @ 60 s  AC withstand voltage (wire - shield)	Current load capacity min. wire	2,4 A
AC withstand voltage (wire - wire)  O,7 kV @ 60 s  Electric capacitance  51000 pF/km  O,7 kV @ 60 s  AC withstand voltage (wire - shield)  O,7 kV @ 60 s  AC withstand voltage (wire - shield)  O,7 kV @ 60 s  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max	Characteristic impedance	100 $\Omega$ ± 15 % @ 100 MHz
Electric capacitance 51000 pF/km  Power frequency withstand voltage (wire - acket) 0,7 kV @ 60 s  AC withstand voltage (wire - shield) 0,7 kV @ 60 s  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -30 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 7,5 x Outer diameter	Electrical resistance line constant wire	140 Ω/km
Power frequency withstand voltage (wire - acket)  AC withstand voltage (wire - shield)  AC withstand voltage	AC withstand voltage (wire - wire)	0,7 kV @ 60 s
acket)  AC withstand voltage (wire - shield)  AC withstand voltage (wire shield)  AC withstand volta	Electric capacitance	51000 pF/km
Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  To °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Dil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  7,5 x Outer diameter	Power frequency withstand voltage (wire - jacket)	0,7 kV @ 60 s
Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  To °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Dil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  7,5 x Outer diameter	AC withstand voltage (wire - shield)	0,7 kV @ 60 s
Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	Min. operating temperature (static)	-40 °C
Deperating temperature max. (dynamic)  70 °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Dil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  7,5 x Outer diameter	Max. operating temperature (fixed)	80 °C
Deperating temperature max. (dynamic)  70 °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Dil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  7,5 x Outer diameter	Operating temperature min. (dynamic)	-30 °C
Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN 60811-404   Good, application-related testing Gending radius (fixed) 7,5 x Outer diameter	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 7,5 x Outer diameter	Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
Dil resistance DIN EN 60811-404   Good, application-related testing  3ending radius (fixed) 7,5 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 7,5 x Outer diameter	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 7,5 x Outer diameter	Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic) 12,5 x Outer diameter	Bending radius (fixed)	7,5 x Outer diameter
	Bending radius (dynamic)	12,5 x Outer diameter