

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

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 2m

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

Attention: Contact carrier turned to 180°!

Further cable lengths on request.

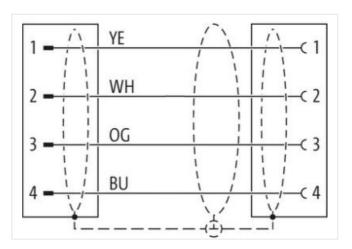
Plastic housings with good resistance against chemicals and oils.

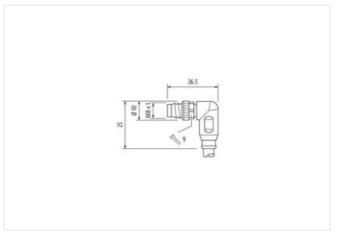
The resistance to aggressive media should be individually tested for your application. Further details on request.

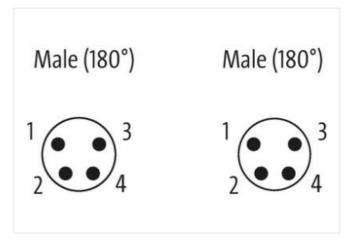
Link to Product

Illustration









Product may differ from Image



Cable length

2 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	4048879611091
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	
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)	I
Mechanical data Material data	
Coating locking	Nickeled
Material housing	PUR
Locking material	Zinc die-casting
Mechanical data Mounting data	
•	instant assured Challes authorize
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
p y.	
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 (deket) 4,9 mm ***Obuter diameter (shealth) ± 5 % ***Material wire insulation + 2 ***Duter diameter (shealth) ± 5 % ***Material wire insulation + 2 ***Duter diameter (shealth) ± 5 % ***Material wire insulation 1,04 mm ***Duter diameter (shealth) ± 5 % ***Duter diameter (shealth) 10 duter fameter (shealth)	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 140 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 Elame resistance Good, application-related testing Basoline resistance DII EN 60811-404 [Good, application-related testing Basoline resistance DII EN 60811-404 [Good, application-related testing Bending radius (fixed) 7,5 × Outer diameter	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 DII EN 608311-404 Go	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 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2.4 A Characteristic impedance $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ Electrical resistance line constant wire $140 \Omega / \text{km}$ AC withstand voltage (wire - wire) $0.7 \text{ kV} @ 60 \text{ s}$ Electric capacitance 51000 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 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 30 °C Operating temperature max. (dynamic) 70 °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 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 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 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω /km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - acket) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (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 Gending 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 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 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) -30 °C Cheritane resistance -1000 kg Electric capacitance -1000 kg Good, application-related testing -1000 kg Good, application-related testing -1000 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 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 6cood , application-related testing Gasoline resistance 6cood , 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 Ω ± 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