

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

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 7.5m

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

Attention: Contact carrier turned to 180°!

Further cable lengths on request.

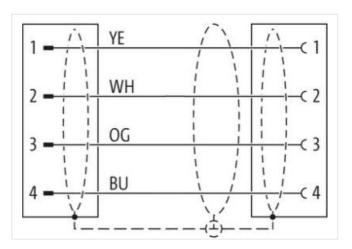
Plastic housings with good resistance against chemicals and oils.

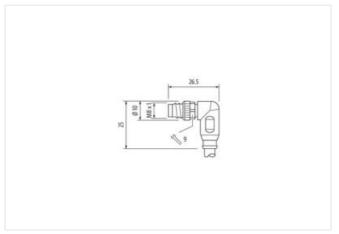
The resistance to aggressive media should be individually tested for your application. Further details on request.

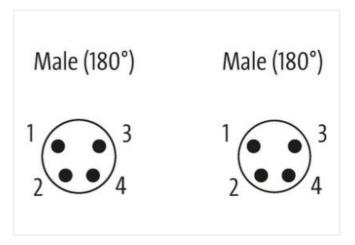
Link to Product

Illustration









Product may differ from Image





Cable length

7,5 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-7.0	27061801
ECLASS-8.0	27061801
ECLASS-9.0	27061801
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879611220
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)	
Mechanical data Material data	
Coating locking	Nickeled
Material housing	PUR
Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
<u>-</u>	endangered by excessive bending forces.
Installation Cable	



stay connected

Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 4,9 mm Tolerance outer diameter (sheath) $\pm 5 \%$ Material wire insulation PP Amount wires 4 Outer diameter insulation 1,04 mm Outer diameter tolerance core insulation $\pm 5 \%$ 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 $\Omega \pm 15 \%$ 010 MHz Electrical resistance line constant wire 40,7 kV $\%$ 60 s Electric capacitance 51000 pF/km PP Amount strands (jacket) 4,9 mm A withstand voltage (wire - wire) 0,7 kV $\%$ 60 s Electric capacitance 51000 pF/km	wire arrangement	white, orange, blue, yellow
Type of Certificate CURus Amount stranding 1 Cable shielding (type) coppor braid, finned Cable shielding (coverage) 85 % Banding Fher tape, Fleece, Foil Filler yes wire arrangement white, carge, blue, yellow Cable weight 59,4 g/m Material jacket PUR Freadom from ingredients (jacket) 19 mm Outer dameter (jacket) 4 9 mm Tolerance outer diameter (jacket) 4 9 mm Outer dameter (jacket) 5 % Material vier insulation PP Amount wires 4 Amount rivies 4 User diameter insulation 1,04 mm Outer diameter insulation 1,04 mm Outer diameter insulation 2,6 MWG Material conductor wire 2,6 AWG Conductor crossescion (wire) 19 Dameter of single wires 2,6 AWG Material conductor wire 2,6 AWG Correct load capacity min. wire 2,4 A Current load capacity inin. wire <td>Cable identification</td> <td>791</td>	Cable identification	791
Amount stranding 1 Stranding 4 wires star shaped twisted Cable shielding (type) copper braid, timed Cable shielding (coverage) 85 % Banding Fiber tape. Fiber ce. Foil Filler yes wire arrangement white, orange, blue, yellow Cable weight 55,4 g/m Material jacket PUR Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 4,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation PP Amount strands (wire) 1,04 mm Outer diameter swire insulation 1,04 mm Outer diameters wire insulation 1,04 mm Outer diameters wire insulation 1,04 mm Outer diameter insulation 1,04 mm Outer diameter insulation 1,04 mm Outer diameter of single wires Outer of singl	Jacket Color	green
Stranding	Type of Certificate	cURus
Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Bandring Fiber tape, Fleece, Foil Filer yes wire arrangement white, orange, blue, yellow Cable weight 59 4 gm Material jacket PUR Freedom from ingredients (jacket) 4.9 mm Outer-diameter (jacket) 4.9 mm Tolerance outer diameter (health) 2.5 % Material wire insulation PP Annount wires 4 Cuter diameter insulation 1.04 mm Ingredient freeness wire insulation 2.6 AWG Conductor crosssection (wire) 2.6 AWG Conductor crosssection (wire) 2.6 AWG Contraction and capacity (standard) to DIN VDE 0288 4 Current load capacity (standard) to DIN VDE 0288	Amount stranding	1
Cable shielding (coverage) 85 % Banding Fiber tape, Fleece, Foil Filler yes wire arrangement white, orange, blue, yellow Cable weight 59,4 gm Material Jacket PUR Freadom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 4,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Cuter diameter insulation 1,04 mm Cuter diameter insulation 1,04 mm Cuter diameter insulation 1,04 mm Cuter diameter oterance core insulation ± 5 % Ingredient freeness wire insulation 1,04 mm Cuter diameter oterance core insulation ± 5 % Ingredient reeness wire insulation 1,04 mm Countries of single wires 26 AWG Conductor crossection (wire) 26 AWG Conductor crossection (wire) 26 AWG Material conductor wire copper stranded wire, tinned Normal value capacity (standard) to DIN VDE 0298-4	Stranding	4 wires star-shaped twisted
Banding Fiber tape, Fleece, Foil Filler yes wire arrangement white, orange, blue, yellow Cable weight 59,4 g/m Material jacket PUR Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 4,9 mm Tolerance outer diameter (jacket) 4,9 mm Amount wires 4 Outer diameter (jacket) 4.9 mm Amount wires 4 Outer diameter (jacket) 4.9 mm Outer diameter insulation 1.04 mm Unter diameter rolerance core 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, linned Nominal voltage AC max 300 V Current load capacity min. wire 2,4 A Characteristic impedance 100 Q± 15 % @ 100 MHz Electric cragactance (ince cinatu wire) 100 Q± 15 % @ 100 MHz Electric capacitance (ince cinatu wire) 0,7	Cable shielding (type)	copper braid, tinned
Filler yes wire arrangement white, orange, blue, yellow Cable weighh 59,4 yim Material jacket PUB Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (glacket) 4 ymm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,04 mm Outer diameter tolerance core insulation 1,04 mm Under diameter tolerance core insulation 1,04 mm Under diameter oblighe wires 2 8 AWG Conductor crossesswich insulation 19 Diameter of single wires 25 8 AWG Conductor crossessection (wire) 28 AWG Material conductor wire copper stranded wire, tinned Nominal vollage AC max 300 V Current load capacity (standard) 10 DIN VIDE 0298-4 Current load capacity (standard) 10 DIN VIDE 0298-4 Current load capacity (standard) wire 10 OMHz Electrical resistance line constant wire 140 OMm AC withstand voll	Cable shielding (coverage)	85 %
white, orange, blue, yellow Cable weight 59,4 g/m Material jacket PUR Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 4,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Anount wires 4 Outer diameter tolerance core insulation 1,04 mm Outer diameter tolerance 2,04 mm Outer diameter tolerance 1,04 mm Outer diameter (solid conductor wire 1,04 mm Outer diameter 1,	Banding	Fiber tape, Fleece, Foil
Cable weight 59.4 g/m Material jacket PUR Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 4.9 mm Tolerance outer diameter (sheath) ± 5 %. Material wire insulation PP Amount wires 4 Outer diameter blerance core insulation 1,04 mm Outer diameter folerance core insulation ± 5 %. Ingredient freeness wire insulation 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) 10 DIN VDE 0298-4 Current load capacity min. wire 24 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 Electrical resistance line constant wire 0.7 kV @ 60 s AC withstand voltage (wire - shield) 0.7 kV @ 60 s Max. operating temperature (static) 0.0	Filler	yes
Material jacket PUR Isolatoric (jacket) Isolatoric (jacke	wire arrangement	white, orange, blue, yellow
Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 4,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,04 mm Outer diameter tolorance 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 Min. operating temperature (static) -40 °C Max. operating perepart	Cable weigth	59,4 g/m
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Tolerance outer diameter (sheath)	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Material wire insulation PP Amount wires 4 Outer diameter insulation 1,04 mm Outer diameter folerance 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) 28 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 Q± 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 - sheld) 0,7 kV @ 60 s Min. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Poperating temperature min. (dynamic) -30 °C Flame resistance EC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical	Outer-diameter (jacket)	4,9 mm
Amount wires 4 Outer diameter insulation 1,04 mm Outer 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 (standard) to DIN VDE 0298-4 Current load capacity (wire vire) 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 (min. (dynamic) 30 °C	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,04 mm Outer 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) 2,4 A Characteristic impedance 100 Ω± 15 % @ 100 MHz Electrical resistance ine 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 - slocket) 0,7 kV @ 60 s AC withstand voltage (wire - slocket) 0,7 kV @ 60 s Min. operating temperature (static) -0 °C Max. operating temperature (fixed) 0,7 kV @ 60 s Min. operating temperature min. (dynamic) 70 °C Operating temperature min. (dynamic) 70 °C <td>Material wire insulation</td> <td>PP</td>	Material wire insulation	PP
Outer 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 (fixed) 80 °C Operating temperature (fixed) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1990 chemical resistance Good, application-related testing Gasoline resistance DIN EN	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) 28 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 (fixed) 80 °C Operating temperature min. (dynamic) 70 °C Flame resistance 10 KD (300 Application-related testing Gasoline resistance DIN R 06011-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Traversing distance (C-track) 5 m	Outer diameter insulation	1,04 mm
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 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 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed)	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 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) -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 Gil resistance Good, application-related testing Oil resistance DIN EN 60811-404 [Good, application-related testing Bending radius (fixed) </td <td>Ingredient freeness wire insulation</td> <td>lead-free, CFC-free, halogen-free</td>	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
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) $0.00000000000000000000000000000000000$	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 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 - jacket) 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 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 12,5 x 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 $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ 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 - shield) $0.7 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (static) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (static) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (fixed) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (static) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature min. (dynamic) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (static) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (static) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (static) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature min. (dynamic) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature max. (dynamic) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature min. (dynamic) $0.7 \text{ kV} @ 60 \text{ s}$ Max. operating temperature max. (dynamic) $0.7 \text{ kV} @ 60 \text{ s}$ Derating temperature max. (dynamic) $0.7 \text{ kV} @ 60 \text{ s}$ Derating temperature max. (dynamic) $0.7 \text{ kV} @ 60 \text{ s}$ Derating temperature max. (dynamic) $0.7 \text{ kV} @ 60 \text{ s}$ Din. En 6001, application-related testing $0.7 \text{ kV} @ 60 \text{ s}$ Bending radius (fixed) $0.7 \text{ kV} @ 60 \text{ s}$ Din. En 6001, application-related testing $0.7 \text{ kV} @ 60 \text{ s}$ Bending radius (dynamic) $0.7 \text{ kV} @ 60 \text{ s}$ Traversing distance (C-track) $0.7 \text{ kV} @ 60 \text{ s}$	Conductor crosssection (wire)	26 AWG
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min, wire 2,4 A Characteristic impedance $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ 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 - shield) $0.7 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (static) $0.7 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (fixed) $0.7 \text{ kV} @ 60 \text{ s}$ Max. operating temperature (fixed) $0.7 \text{ kV} @ 60 \text{ s}$ Operating temperature min. (dynamic) $0.7 \text{ kV} @ 60 \text{ s}$ Flame resistance $0.7 \text{ kV} @ 60 \text{ s}$ Flame resistance $0.7 \text{ kV} @ 60 \text{ s}$ Flame resistance $0.7 \text{ kV} @ 60 \text{ s}$ Good, application-related testing $0.7 \text{ kV} @ 60 \text{ s}$ Gasoline resistance $0.7 \text{ kV} @ 60 \text{ s}$ Good, application-related testing $0.7 \text{ kV} @ 60 \text{ s}$ Bending radius (fixed) $0.7 \text{ kV} @ 60 \text{ s}$	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 51000pF/km Power frequency 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) $0.7 \text{kV} @ 60 \text{s}$ Min. operating temperature (fixed) $0.7 \text{kV} @ 60 \text{s}$ Max. operating temperature (fixed) $0.7 \text{kV} @ 60 \text{s}$ Operating temperature min. (dynamic) $0.7 \text{kV} @ 60 \text{s}$ Flame resistance $0.7 \text{kV} @ 60 \text{s}$ Flame resistance $0.7 \text{kV} @ 60 \text{s}$ Elec $0.7 \text{kV} @ 60 \text{s}$ Min. operating temperature min. (dynamic) $0.7 \text{kV} @ 60 \text{s}$ Operating temperature max. (dynamic) $0.7 \text{kV} @ 60 \text{s}$ Flame resistance $0.7 \text{kV} @ 60 \text{s}$ Elec $0.7 \text{kV} @ 60 \text{s}$ Flame resistance $0.7 \text{kV} @ 60 \text{s}$ Elec $0.7 \text{kV} @ 60 \text{s}$ Flame resistance $0.7 \text{kV} @ 60 \text{s}$ Gasoline resistance $0.7 \text{kV} @ 60 \text{s}$ Flame resistance $0.7 \text{kV} @ 60 \text{s}$ Bending radius (fixed) $0.7 \text{kV} @ 60 \text{s}$ Flame resistance $0.7 \text{kV} @ 60 \text{s}$ Electrical resistance $0.7 \text{kV} @ 60 \text{s}$ Flame re	Nominal voltage AC max.	300 V
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 - jacket) 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 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 12,5 x Outer diameter Traversing distance (C-track) 5 m	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 51000 pF/km Power frequency withstand voltage (wire - jacket) 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 min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) 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) Traversing distance (C-track) 5 m	Current load capacity min. wire	2,4 A
AC withstand voltage (wire - wire) Do, 7 kV @ 60 s Electric capacitance Fower frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - jacket) AC withstand voltage (wire - withstand voltage (wire - withstand voltage (wire - withstand voltage (wire - withstand voltage (wire withstand voltage (wire - withstand voltage (wire - withstand voltage (wire - withstand voltage (wire withstand v	Characteristic impedance	$100~\Omega$ ± $15~\%$ @ $100~MHz$
Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - jacket) 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 Traversing distance (C-track) 5 m	Electrical resistance line constant wire	140 Ω/km
Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) O,7 kV @ 60 s Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Tame resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) Traversing distance (C-track) Traversing distance (C-track) 5 m	AC withstand voltage (wire - wire)	0,7 kV @ 60 s
AC withstand voltage (wire - shield) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (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 Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) Traversing distance (C-track) 5 m	Electric capacitance	51000 pF/km
Min. operating temperature (static) Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 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 Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 12,5 x Outer diameter Traversing distance (C-track) 5 m		0,7 kV @ 60 s
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 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 12,5 x Outer diameter Traversing distance (C-track) 5 m	AC withstand voltage (wire - shield)	0,7 kV @ 60 s
Operating temperature min. (dynamic) 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 Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 12,5 x Outer diameter Traversing distance (C-track) 5 m	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 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 Bending radius (dynamic) 12,5 x Outer diameter Traversing distance (C-track) 5 m	Max. operating temperature (fixed)	80 °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 Bending radius (dynamic) 12,5 x Outer diameter Traversing distance (C-track) 5 m	Operating temperature min. (dynamic)	-30 °C
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 Bending radius (dynamic) 12,5 x Outer diameter Traversing distance (C-track) 5 m	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 12,5 x Outer diameter Traversing distance (C-track) 5 m	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 12,5 x Outer diameter Traversing distance (C-track) 5 m	chemical resistance	Good, application-related testing
Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 12,5 x Outer diameter Traversing distance (C-track) 5 m	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 12,5 x Outer diameter Traversing distance (C-track) 5 m	Oil resistance	DIN EN 60811-404 Good, application-related testing
Traversing distance (C-track) 5 m	Bending radius (fixed)	7,5 x Outer diameter
Translation (Oliver)	Bending radius (dynamic)	12,5 x Outer diameter
Travel speed (C-track) 3 m/s	Traversing distance (C-track)	5 m
	Travel speed (C-track)	3 m/s