

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

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 3m

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

Further cable lengths on request.

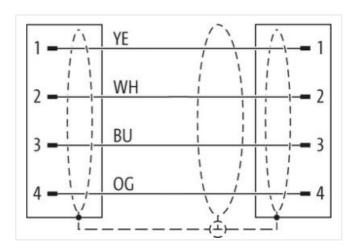
Plastic housings with good resistance against chemicals and oils.

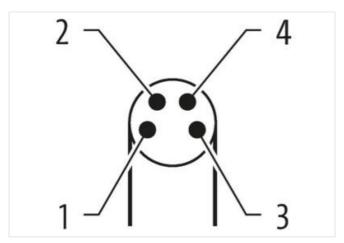
The resistance to aggressive media should be individually tested for your application. Further details on request.

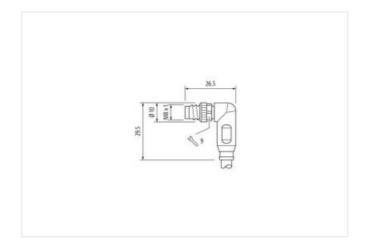
## **Link to Product**

## Illustration









Product may differ from Image





Cable length 3 m

Side 1

0,4 Nm Tightening torque



stay connected

Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Width across flats	SW9
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	4048879374576
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Industrial communication	
Transfer parameters	With reference to CAT5, Class D (ISO/IEC 11801)
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	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 endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-114 (M8)
Installation   Cable	
Cable identification	791
- Casio Idonandalon	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



## stay connected

Amount stranding         1           Stranding         4 wires star-shaped twisted           Cable shelding (type)         copper braid, tinned           Cable shelding (coverage)         85 %           Banding         Fiber tape, Fleece, Foll           Filler         Yes           wire arrangement         white, crange, blue, yellow           Cable weight         55.4 g/m           Material jacket         PUR           Freedom from ingredients (gacket)         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 insulation         1,04 mm           Outer diameter insulation         1,04 mm           Outer diameter of single wires         26 AWG           Conductor orisosses wire insulation         19           Diameter of single wires         26 AWG           Material conductor wire         copper stranded wire, linned           Traversing distance (C-track)         5 m           Material conductor wire         to DIN VIDE 0288-4           Current load capacity (standard)         to DIN VIDE 0288-4	Jacket Color	green
Stranding         4 wires star-shaped twisted           Cable shiekling (type)         copper braid, timed           Cable shiekling (coverage)         85 ½           Banding         Fiber tape, Fleece, Foll           Filler         yes           wind rearrangement         white, crange, blue, yellow           Cable weight         59.4 g/m           Malateral jacket         PUR           Freedom from ingredients (jacket)         load-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 industrion         1,04 mm           Outer diameter insulation         1,04 mm           Outer diameter rolerance core insulation         1,04 mm           Improdent freeness wire insulation         1,04 mm           Outer diameter of single wires         26 AWG           Conductor coressection (wire)         19           Diameter of single wires         26 AWG           Conductor or crosssection (wire)         25 AWG           Material conductor wire         copper stranded wire, finned           Traversing distance (C-track)         5 m	Type of Certificate	cURus
Cable shielding (type)         copper braid, Inned           Cable shielding (coverage)         85 %           Bandring         Fiber tape, Fleece, Foil           Filler         yes           wite arrangement         white, orange, blue, yellow           Cable weigh         59,4 g/m           Material jacket         PUR           Freedom from ingredients (jacket)         4,9 mm           Coluer-diameter (jacket)         4,9 mm           Tolerance outer diameter (jeheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,04 mm           Outer diameter trolenace core insulation         1,04 mm           Outer diameter tolenace core insulation         1,04 mm           Ingredient freeness wire insulation         19           Diameter of single wires         26 AWG           Conductor crosssection (wire)         26 AWG           Conductor crosssection (wire)         26 AWG           Conductor by single wires         26 AWG           Conductor crosssection (wire)         26 AWG           Control toad capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4	Amount stranding	1
Cable shielding (coverage)         85 %           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           Toferance outer diameter (sheath)         ± 5 %           Meterial wire insulation         PP           Amount wiwas         4           Outer diameter tolerance core insulation         ±,9 mm           Outer diameter insulation         1,04 mm           Outer diameter sustation         lead-free, CFC-free, halogen-free           Amount stands (wire)         19           Diameter of single wires         26 AWG           Conductor crosssection (wire)         26 AWG           Material conductor wire         copper stranded wire, tinned           Traversing distance (C-track)         5 m           Nominal voltage AC max.         300 V           Current load capacity (strandard)         to DIN VE Ce39-4           Current load capacity (strandard)         to DIN VE Ce39-4           Electrical resistance line constant vire         1	Stranding	4 wires star-shaped twisted
Fiber tape, Fleece, Foil	Cable shielding (type)	copper braid, tinned
Filler yes wire arrangement white, orange, blue, yellow  Cable weigh 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  Cuter diameter insulation 1,04 mm  Outer diameter insulation 1,04 mm  Outer diameter or insulation 1,04 mm  Outer diameter polerance core insulation 1,04 mm  Outer diameter polerance core insulation 1,04 mm  Outer diameter tolerance core insulation 1,04 mm  Outer diameter folerance core insulation 1,04 mm  Outer diameter of single wires 26 AWG  Conductor crosssection (wire) 19  Diameter of single wires 26 AWG  Conductor orosssection (wire) 26 AWG  Material conductor wire coper stranded wire, tinned  Traversing distance (C-track) 5 m  Nominal voltage AC max. 300 V  Current load capacity min. wire 2,4 A  Characteristic impedance 100 Ω ± 15 % @ 100 MHz  Ellectrical resistance line constant wire 140 Ω-km  AC withstand voltage (wire - wire) 140 Ω-km  Power frequency withstand voltage (wire - shield) 0,7 kV @ 60 s  AC withstand voltage (wire - shield) 1,7 kV @ 60 s  AC withstand voltage (wire - shield) 1,7 kV @ 60 s  Min. operating temperature (Ked) 30 °C  Operating temperature (Ked) 7,0 °C  Filame resistance 500, application-related testing 6  Gasoline resistance 500 Din K no 6001, application-related testing 5  Bending radius (fixed) 7,5 × Outer diameter 5  Bending radius (fixed) 7,5 × Outer diameter 5  Bending radius (fixed) 7,5 × Outer diameter 5  Filame resistance 5  Bending radius (fixed) 7,5 × Outer diameter 5  Bending radius (fixed) 7,5 × Outer diameter 5  Filame resistance 5  Bending radius (fixed) 7,5 × Outer diameter 5  Filame resistance 6  Filame resistance 6  Filame resistance 7  Filame resistance 7  Filame resistan	Cable shielding (coverage)	85 %
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 (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         4           Outer diameter insulation         1,04 mm           User diameter 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)         26 AWG           Material conductor wire         copper stranded wire, tinned           Traversing distance (C-track)         5 m           Nominal voltage AC max.         300 V           Current load capacity rim. wire         2,4 A           Characteristic impedance         100 Ω ± 15 % 0 100 MHz           Electrical capacitance         100 Ω ± 15 % 0 100 MHz           Electrical capacitance         51000 pF/km           Power frequency withstand voltage (wire - shield)         0,7 kV @ 60 s	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 vire insulation         PP           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 crossessetion (vire)         26 AWG           Material conductor wire         copper stranded wire, linned           Traversing distance (C-track)         5 m           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± ±5 % @ 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           P	Filler	yes
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         ± 5 %           Ingredient freeness wire 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           Conductor crosssection (wire)         26 AWG           Material conductor wire         copper stranded wire, tinned           Traversing distance (C-track)         5 m           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 Ωkm           AC withstand voltage (wire - wire)         0,7 k V @ 60 s           Electric capacitance         51000 pF/km	wire arrangement	white, orange, blue, yellow
Freedom from ingredients (jacket)   lead-free, CFC-free, halogen-free	Cable weigth	59,4 g/m
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 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           Traversing distance (C-track)         5 m           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (wire 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         500 P/km           Power frequency withstand voltage (wire - shield)         0,7 kV @ 60 s           Min. operating temperature (fixed)         30 °C           Operating temperature min. (dynamic)         30 °C<	Material jacket	PUR
Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           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           Traversing distance (C-frack)         5 m           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)         0 oc           Operating temperature (min. (dynamic)	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 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           Traversing distance (C-track)         5 m           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 Ωkm           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 (static)         40 °C           Max. operating temperature (static) <td>Outer-diameter (jacket)</td> <td>4,9 mm</td>	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           Traversing distance (C-track)         5 m           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 min. wire         2,4 A           Characteristic impedance         100 Ω ± 15 % @ 100 MHz           Electrical resistance line constant wire         100 Ω ½ m           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 (static)         40 °C           Max. operati	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           Traversing distance (C-track)         5 m           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         2,4 A           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 (static)         40 °C           Max. operating temperature (static)         60 °C <t< td=""><td>Material wire insulation</td><td>PP</td></t<>	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)         28 AWG           Material conductor wire         copper stranded wire, tinned           Traversing distance (C-track)         5 m           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         2,4 A           Current load capacity min. wire         2,4 M           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 (static)         40 °C           Max. operating temperature (mixed)         30 °C           Operating temperature max. (dynamic)         70 °C	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           Traversing distance (C-track)         5 m           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)         -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-	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           Traversing distance (C-track)         5 m           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)         -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           Oil resistance         DIN EN 60811-404   Good, application-relate	Outer diameter tolerance core insulation	± 5 %
Diameter of single wires       26 AWG         Conductor crosssection (wire)       26 AWG         Material conductor wire       copper stranded wire, tinned         Traversing distance (C-track)       5 m         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         Electrical 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 (static)       -40 °C         Max. operating temperature min. (dynamic)       -30 °C         Operating temperature max. (dynamic)       70 °C         Chemical resistance       EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090         chemical resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire)         26 AWG           Material conductor wire         copper stranded wire, tinned           Traversing distance (C-track)         5 m           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 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           Gil 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           Traversing distance (C-track)         5 m           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 $51000 \text{ pF/km}$ 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) $40 \text{ °C}$ 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         Good, application-related testing           Oil resistance         DIN EN 60811-404   Good, application-related testing           Oil resistance	Diameter of single wires	26 AWG
Traversing distance (C-track) 5 m  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  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 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
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 $\Omega$ /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  Operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -30 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance EC 60032-2-2   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	Material conductor wire	copper stranded wire, tinned
Current load capacity (standard)  Current load capacity min. wire  2.4 A  Characteristic impedance  100 $\Omega \pm 15\% @ 100 \text{ MHz}$ Electrical resistance line constant wire  440 $\Omega$ /km  AC withstand voltage (wire - wire)  51000 pF/km  Power frequency withstand voltage (wire - jacket)  7,7 kV @ 60 s  AC withstand voltage (wire - shield)  7,7 kV @ 60 s  AC withstand voltage (wire - shield)  7,7 kV @ 60 s  AC withstand voltage (wire - shield)  7,7 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  Gasoline resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  7,5 x Outer diameter	Traversing distance (C-track)	5 m
Current load capacity min. wire  2,4 A  Characteristic impedance  100 \( \Omega \pm 15 \% \@ 100 \meda \meda \)  Electrical resistance line constant wire  140 \( \Omega \)/m  AC withstand voltage (wire - wire)  51000 \( pF/km \)  Power frequency withstand voltage (wire - shield)  AC omega comparing temperature (static)  AC omega comparing temperature (fixed)  AC omega comparing temperature (fixed)  AC omega comparing temperature min. (dynamic)  AC omega comparing temperature min. (dynamic)  AC omega comparing temperature max. (dynamic)  AC ome	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 - $0.7 \text{ kV }@ 60 \text{ s}$ 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) $0.7 \text{ kV }@ 60 \text{ s}$ Max. operating temperature (fixed) $0.7 \text{ kV }@ 60 \text{ s}$ Max. operating temperature min. (dynamic) $0.7 \text{ kV }@ 60 \text{ s}$ Operating temperature min. (dynamic) $0.7 \text{ kV }@ 60 \text{ s}$ Flame resistance $0.7 \text{ kV }@ 60 \text{ s}$ EEC $0.7 \text{ kV }@ 60 \text{ s}$ EEC $0.7 \text{ kV }@ 60 \text{ s}$ Din EN $0.7 \text{ kV }@ 60 \text{ s}$ Bending radius (fixed) $0.7 \text{ kV }@ 60 \text{ s}$	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  Fower frequency withstand voltage (wire - biacket)  AC withstand voltage (wire - shield)  O,7 kV @ 60 s  AC withstand voltage (wire - shield)  AC withstand voltage (wire - shield)  Min. operating temperature (static)  Au o C  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  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  7,5 x Outer diameter	Current load capacity min. wire	2,4 A
Electric capacitance 51000 pF/km  Power frequency withstand voltage (wire - binate of packet) 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	Characteristic impedance	100 Ω ± 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	Electrical resistance line constant wire	140 Ω/km
Power frequency withstand voltage (wire - shield)  AC withstand voltage (wire - shield)  AC withstand voltage (wire - shield)  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  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  7,5 x Outer diameter	AC withstand voltage (wire - wire)	0,7 kV @ 60 s
jacket)  AC withstand voltage (wire - shield)  AC withstand voltage (wire - shield)  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  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  7,5 x Outer diameter	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  Oil 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
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  Oil 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) 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 Oil resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	Min. operating temperature (static)	
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 Oil resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	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  Good, application-related testing  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  7,5 x Outer diameter	Operating temperature min. (dynamic)	-30 °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	Operating temperature max. (dynamic)	
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	Flame resistance	
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	chemical resistance	
Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 7,5 x Outer diameter	Gasoline resistance	
Bending radius (fixed) 7,5 x Outer diameter	Oil resistance	<del>-</del>
	Bending radius (fixed)	
	Bending radius (dynamic)	12,5 x Outer diameter