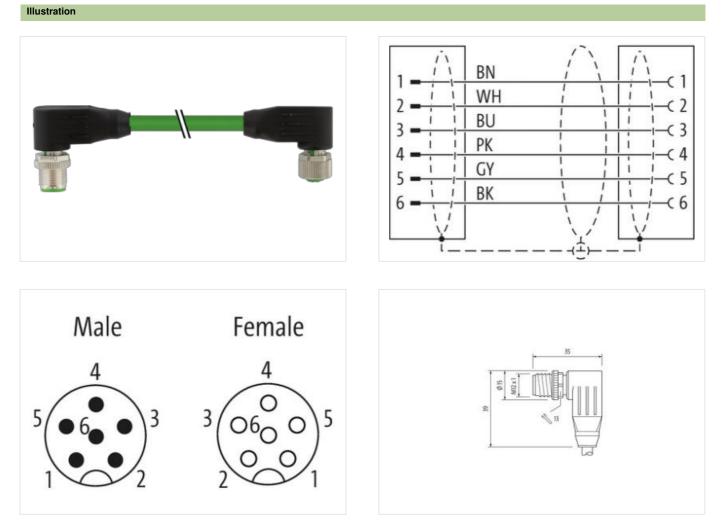


M12 male 90° / M12 female 90° A-cod. shielded

PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 8m

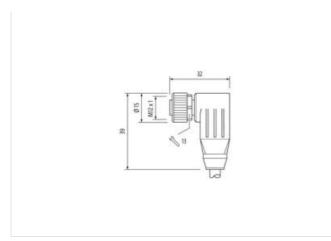
Cube67 Male 90° – female 90° M12 – M12, 6-pole A-coded shielded Hybrid cable Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



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Product may differ from Image



Side 1 Tightening torque Mounting method	0,6 Nm inserted, screwed gold plated
Mounting method	inserted, screwed
<u> </u>	and plated
Coating contact	golu plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
No. of poles	6
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
No. of poles	6
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	EC001855
customs tariff number	85444290
GTIN	4048879140034

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Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0.8 kV
Material group (IEC 60664-1)	l I
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Material gasket	FKM
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.
Installation Cable	
STOOW style jacket	Hybrid, Signal, Data
Cable identification	802
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	4 wires with Stranding combination with 3 Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece
Filler	yes
wire arrangement	(gray, pink), blue, white, brown, black
Traversing distance (C-track)	10 m @ 25 °C
Cable weigth	77 g/m
Material jacket	PUR
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	6,6 mm ± 5 %
Tolerance outer diameter (sheath)	± J /0

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Amount wires 4 Outer diameter insulation 1.4 mm Outer diameter biorance core insulation 1.5 %. Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 64 Dameter of single wires 0.1 mm Canductor crosssection (wire) 0.5 mm ² Material conductor wire Stranded copper vire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) 1.1 mm Tolerance outer diameter wire insulation (Cata) 1.5 %. Ingredient freeness wire insulation (Data) 1.4 mm Tolerance outer diameter wire insulation (Data) 1.4 mm Tolerance outer diameter wire insulation (Data) 2 Amount vires (Data) 2 Amount vires (Data) 2 Conductor type (Data) 32 Diameter of single wires (Data) 0.25 mm ² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Loop resistance 2000 MG x km Nominal voltage A C max.	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation tead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount Stands (wire) 64 Diameter of single wires 0,1 mm Conductor grossection (wire) 0,5 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Outer diameter wire insulation (Data) 1,1 mm Tolerance outer diameter wire insulation (data) 2 Amount strands wire (Data) 2 Amount strands wire (Data) 32 Diameter of single wires (Data) 0,1 mm Conductor rype (wire) strand class 6 Loop resistance 2000 MQ × km Nominal vortage AC max. 300 V Current load capacity mix wire (Data) 15 PN / Ma @ 20 °C Current load capacity mix wire (Data) 32 A Electrical resistance 2000 MQ × km Nominal vortage AC max. 300 V Current load capacity mix wire (Data) </td <td>Amount wires</td> <td>4</td>	Amount wires	4
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 64 Conductor crosssection (wire) 0.5 mm² Conductor view Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) PP Outer diameter wire insulation (Data) 1, mm Tolerance outer diameter wire insulation (data) ± 5% Ingredient freeness wire insulation (Data) 1, mm Tolerance outer diameter wire insulation (data) ± 5% Ingredient freeness wire insulation (data) ± 5% Ingredient freeness wire insulation (data) ± 2 Amount strands wire (Data) 32 Diameter of single wires (Data) 0.1 mm Conductor vire (Data) Strand decoper wire, bare Wire conductor tyre (Vire) Strand decoper wire, bare Vire conductor tyre (Data) Strand decoper wire, bare Current load capacity min. wire 5.3 A Current load capacity min. wire 5.3 A Current load capacity min. wire 5.3 A Curent load capacity min. wire 5.4 A <td>Outer diameter insulation</td> <td>1,4 mm</td>	Outer diameter insulation	1,4 mm
Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor of sessection (wire) 0,5 mm² Material conductor wire Strand class 6 Material conductor wire (wire) strand class 6 Material wire insulation (Data) PP Outer diameter wire insulation (Data) 1,1 mm Tolerance outer diameter wire insulation (Data) 1,1 mm Tolerance outer diameter wire insulation (Data) 1,2 % Amount wires (Data) 2 Amount wires (Data) 2 Amount wires (Data) 2 Amount wires (Data) 0,1 mm Conductor or sessection wire (Data) 0,2 mm² Diameter of single wires (Data) 0,2 mm² Material conductor wire (Data) 0,2 mm² Material conductor wire (Data) 0,2 mm² Material conductor wire (Data) 0,2 mm² Material voltage AC max. 300 V Current load capacity min. Wire (Data) 3,2 A Electrical resistance inconstant wire 3,0 LMm @ 20 °C Carrent load capacity min. Wire (Data) 3,2 A Electrical resistance constant (wire - wire) 6,3 K <	Outer diameter tolerance core insulation	±5%
Diameter of single wires 0,1 mm Conductor crossection (wire) 0.5 mm³ Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material conductor wire (bata) PP Outer diameter wire insulation (Data) 1,1 mm Tolerance outer diameter wire insulation (Data) 1,1 mm Tolerance outer diameter wire insulation (Data) 2 % Ingredient freeness wire insulation (Data) 2 Amount strands wire (Data) 2 Amount strands wire (Data) 2 Material conductor wire (Data) 0,25 mm³ Material conductor wire (Data) 0,1 mm Conductor type (Data) 0,1 mm Conductor wire (Data) 0,25 mm³ Material conductor wire (Data) 0,25 mm³ Conductor wire (Data) 0,25 mm³ C	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0,5 mm³ Material viei conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) PP Outer diameter wire insulation (Data) 1.1 mm Tolerance outer diameter wire insulation (Data) 1.4 mm Ingredient freeness wire insulation (Data) 1.4 dat/res, cadmium-free, CFC-free, halogen-free, silicone-free Amount wires (Data) 2 Amount strands wire (Data) 32 Diameter of single wires (Data) 0.25 mm³ Conductor cosssection wire (Data) 0.25 mm³ Material conductor wire (Data) 0.25 mm³ Material conductor wire (Data) 0.25 mm³ Conductor vire (Data) Stranded copper wire, bare Wire conductor type (Data) Strand class 6 Loop resistance 2000 MC × km Nominal voltage AC max. 300 V Current load capacity (standard) to IN VDE 0296-4 Current load capacity min. Wire (Data) 3.2 A Electrical resistance lone constant wire 39 0 km @ 20 °C Electrical resistance coaling wire (Data) 79 0 km @ 20	Amount strands (wire)	64
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) PP Outer diameter wire insulation (Data) 1.1 mm Tolerance outer diameter wire insulation (Data) 1.2 mm Tolerance outer diameter wire insulation (Data) 1.2 mm Tolerance outer diameter wire insulation (Data) 2 Amount wires (Data) 32 Diameter of single wires (Data) 0.25 mm² Material conductor wire (Data) 0.25 mm² Material conductor wire (Data) 5.7 stranded copper wire, bare Wire conductor type (Data) strand class 6 Loop resistance 2000 MQ x km 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 (Data) 3.2 A Electrical resistance locating wire (Data) 3.2 A Electrical resistance locating wire (Data) 7.9 Ω/km @ 20 °C Electrical resistance locating wire (Data) 7.9 Ω/km @ 20 °C Electrical resistance locating wire (Data)	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6 Material wire insulation (Data) PP Outer diameter wire insulation (Data) 1,1 mm Tolerance outer diameter wire insulation (Data) 5 % Ingredient freeness wire insulation (Data) 2 % Amount strands wire (Data) 32 Diameter of single wires (Data) 0,1 mm Conductor rossesection wire (Data) 0,25 mm² Material conductor wire (Data) 0,25 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Idata) strand class 6 Loop resistance 2000 MQ × km Nominal voltage AC max. 300 V Current load capacity (sindardr) to INI VDE 0298-4 Current load capacity min. wire 6,3 A Current load capacity min. wire 6,3 A Current load capacity min. wire 6,3 A Electrical resistance line constant wire 39 Q/km @ 20 °C Electrical resistance line constant wire 39 Q/km @ 20 °C Electrical capacity line constant (wire - wire) 1,5 kV @ 60 s Ac withstand voltage (wire - wire) 1,5 kV @ 60 s	Conductor crosssection (wire)	0,5 mm ²
Material wire insulation (Data) PP Outer diameter wire insulation (Data) 1,1 mm Tolerance outer diameter wire insulation (Data) ± 5 % Ingredient Treness wire insulation (Data) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount wires (Data) 2 Amount strands wire (Data) 32 Diameter of single wires (Data) 0,1 mm Conductor crossection wire (Data) 0,25 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strande dopser wire, bare Wire conductor type (Data) stranded copper wire, bare Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6,3 A Current load capacity min. wire 6,3 A Current load capacity min. wire (Data) 3,2 A Electrical resistance norset wire - wire) 1,5 kV @ 60 s Electrical resistance coating wire (Data) 79 O/km @ 20 °C Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - wire) 65 mH/km	Material conductor wire	Stranded copper wire, bare
Construction Construction Outer diameter wire insulation (Data) 1.1 mm Tolerance outer diameter wire insulation (Data) tead/rec, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands wire (Data) 2 Amount strands wire (Data) 32 Diameter of single wires (Data) 0.1 mm Conductor crosssection wire (Data) 0.25 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Loop resistance 2000 MQ × km Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6.3 A Current load capacity min. wire 6.3 A Current load capacity min. wire 9.0 km @ 20 °C AC withstand voltage (wire - wire) 1.5 kV @ 60 s Electricial resistance inductivity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - sinelf) 1.2 kV @ 60 s AC withstand voltage (wire - sinelf) 1.2 kV @ 60 s Min. operating temperature (fixed) 50 °C Max. operating temperature	Conductor type (wire)	strand class 6
Tolerance outer diameter wire insulation (data) ± 5 % Ingredient freeness wire insulation (Data) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands wire (Data) 2 Amount strands wire (Data) 32 Diameter of single wires (Data) 0,1 mm Conductor orsessection wire (Data) 0,25 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Loop resistance 2000 MΩ × km Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire 6,3 A Current load capacity min. Wire (Data) 3,2 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 7.9 K/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - shield) 1,2 kV @ 60 s Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - shield) 1,2 kV @ 60 s Min. operating temperature (fixed)	Material wire insulation (Data)	PP
Ingredient freeness wire insulation (Data) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount wires (Data) 2 Amount strands wire (Data) 32 Diameter of single wires (Data) 0,1 mm Conductor rossection wire (Data) 0,25 mm² Material conductor wire (Data) 0,25 mm² Material conductor vire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Loop resistance 2000 MQ × km Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6,3 A Current load capacity min. wire (Data) 3.2 A Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C Electrical resistance coating wire (Data) 70 Km @ 20 °C Ac withstand voltage (wire - 15 kV @ 60 s Mi	Outer diameter wire insulation (Data)	1,1 mm
Amount wires (Data) 2 Amount strands wire (Data) 32 Diameter of single wires (Data) 0.1 mm Conductor crossection wire (Data) 0.25 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor wire (Data) Stranded copper wire, bare Wire conductor wire (Data) strand class 6 Loop resistance 2000 MΩ × km Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6,3 A Current load capacity min. wire 6,3 A Current load capacity wire (Data) 3.2 A Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical resistance (wire - wire) 1,5 kV @ 60 s Min. operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Operating temperature max. (dynamic) -50 °C	Tolerance outer diameter wire insulation (data)	±5%
Amount strands wire (Data) 32 Diameter of single wires (Data) 0,1 mm Conductor orsseection wire (Data) 0.25 mm² Material conductor type (Data) Stranded copper wire, bare Wire conductor type (Data) strande class 6 Loop resistance 2000 MΩ × km Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 3,2 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant 0,65 mH/km Electrical capacity line constant 0,65 mH/km Power frequency withstand voltage (wire - interveries) 1,5 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C	Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires (Data) 0.1 mm Conductor crosssection wire (Data) 0.25 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Loop resistance 2000 MQ × km 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 6.3 A Current load capacity min. Wire (Data) 3.2 A Electrical resistance coating wire (Data) 79 Q/km @ 20 °C Electrical resistance coating wire (Data) 79 Q/km @ 20 °C Electric inductivity line constant 0.65 mH/km Electrical capacity line constant 0.55 mH/km Electrical capacity line constant (wire - wire) 1.5 kV @ 60 s AC withstand voltage (wire - shield) 1.2 kV @ 60 s Mat. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -30 °C Operating temperature	Amount wires (Data)	2
Conductor crosssection wire (Data) 0,25 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Loop resistance 2000 MQ × km 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) 3,2 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - shield) 1,2 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s Max. operating temperature (static) -50 °C Max. operating temperature (fixed) 90 °C Operating temperature max. (dynamic) -30 °C Core 60332-2-2 I UL 1581 § 1100 FT2 UL 1581 § 1090 Chemical resistance IEC 60332-2-2 I UL 1581 § 1109 FT2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasolline resistance Good, ap	Amount strands wire (Data)	32
Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Loop resistance 2000 MΩ × km Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 3,2 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance line constant wire 39 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant 0,65 mH/km Electrical capacity line constant (wire - wire) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -30 °C Operating temperature (ixed) 90 °C Operating temperature max. (dynamic) -30 °C Power frequency withstand voltage (wire - shield) 1,2 kV @ 60 s Min. operating temperature (static) -50 °C Flame resistance Electrical capacity line constant (dynamic)	Diameter of single wires (Data)	0,1 mm
Wire conductor type (Data) strand class 6 Loop resistance 2000 MΩ × km Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6,3 A Current load capacity min. Wire (Data) 3,2 A Electrical resistance ine constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant 0,65 mH/km Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - injacket) 1,5 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Operating temperature (fixed) 90 °C Operating temperature (ixed) 90 °C Operating temperature max. (dynamic) -30 °C Operating temperature max. (dynamic) -50 °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	Conductor crosssection wire (Data)	0,25 mm ²
Loop resistance 2000 MΩ × km Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6,3 A Current load capacity min. Wire (Data) 3,2 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant 0,65 mH/km Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - iacket) 1,5 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance Elect 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 Gil resistance DIN EN 60811-404 Good, application-related testing	Material conductor wire (Data)	Stranded copper wire, bare
Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6,3 A Current load capacity min. Wire (Data) 3,2 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C Ac withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant 0,65 mH/km Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - iacket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 90 °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 Gasoline resistance DIN EN 60811-404 Good, application-related testing	Wire conductor type (Data)	strand class 6
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6,3 A Current load capacity min. Wire (Data) 3,2 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant 0,65 mH/km Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - igacket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Operating temperature (static) -30 °C Operating temperature min. (dynamic) -30 °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 Good, application-related testing Gasoline resistance DN EN 60811-404 Good, application-related testing	Loop resistance	2000 MΩ × km
Current load capacity min. wire 6,3 A Current load capacity min. Wire (Data) 3,2 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 90 °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	Nominal voltage AC max.	300 V
Current load capacity min. Wire (Data) 3,2 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant 0,65 mH/km Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 90 °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	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric inductivity line constant 0,65 mH/km Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 90 °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	Current load capacity min. wire	6,3 A
Electrical resistance coating wire (Data) 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric inductivity line constant 0,65 mH/km Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s AC withstand voltage (wire - sicket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 90 °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	Current load capacity min. Wire (Data)	3,2 A
AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electric inductivity line constant 0,65 mH/km Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 90 °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 Gasoline resistance DIN EN 60811-404 Good, application-related testing	Electrical resistance line constant wire	39 Ω/km @ 20 °C
Electric inductivity line constant 0,65 mH/km Electrical capacity line constant (wire - wire) 63000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,2 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 90 °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	Electrical resistance coating wire (Data)	79 Ω/km @ 20 °C
Electrical capacity line constant (wire - wire)63000 pF/kmPower frequency withstand voltage (wire - jacket)1,5 kV @ 60 sAC withstand voltage (wire - shield)1,2 kV @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (fixed)90 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testing	AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)1,5 kV @ 60 sAC withstand voltage (wire - shield)1,2 kV @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (fixed)90 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testing	Electric inductivity line constant	0,65 mH/km
jacket)1,5 kV @ 60 sAC withstand voltage (wire - shield)1,2 kV @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (fixed)90 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testing	Electrical capacity line constant (wire - wire)	63000 pF/km
Min. operating temperature (static)-50 °CMax. operating temperature (fixed)90 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testing		1,5 kV @ 60 s
Max. operating temperature (fixed) 90 °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	AC withstand voltage (wire - shield)	1,2 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	Min. operating temperature (static)	-50 °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	Max. operating temperature (fixed)	0° 00
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	Operating temperature min. (dynamic)	-30 °C
chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testing		70 °C
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Oil resistance DIN EN 60811-404 Good, application-related testing	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)	5 x Outer diameter
Bending radius (dynamic) 10 x Outer diameter	Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track) 5 Mio. @ 25 °C	Travel speed (C-track)	5 Mio. @ 25 °C
Torsion stress ± 180 °/m	Torsion stress	± 180 °/m

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: 2024-05-05