

Technical data sheet · LÜTZE SUPERFLEX[®] CAN-BUS (C) PUR

For highest requirements



PUR Bus cables · CAN-BUS · C-track compatible

| | | |
|-----------------------|----------|------------------------------|
| Identification | Type | SU BUS(C)PUR UL(1×2×AWG24)VI |
| | Part-No. | 104390 |

Use/Application/Characteristics

| | |
|-----------------|--|
| Application | <ul style="list-style-type: none"> • For wiring of industrial field bus systems like CAN-BUS • for continuous flexible use e.g. in c-tracks or free movement in the automation technology, transport and conveyor technology, machine tool manufacture |
| Characteristics | <ul style="list-style-type: none"> • High active and passive interference resistance (EMC) • Silicone free • Halogen free • RoHS-compliant |

Construction

| | |
|------------------------------------|------------------------------|
| Description | SUPERFLEX CAN-BUS (C) PUR UL |
| Number of conductors/cross-section | (1×2×AWG24) |
| Jacket material | PUR |
| Jacket color | violet RAL 4001 |
| Outer Ø | 5.4 mm |
| Outer Ø | 0.213 inches |
| Surface | adhesion-free matt |
| Weight | 4.4 kg/100 m |
| Weight | 30 Lbs/Mft |

28.04.2017 – Subject to technical modification

Part-No. 104390

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
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SYSTEMATIC TECHNOLOGY

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Cu-Index 2.4 kg/100 m
Cu-Index 16 Lbs/Mft

Element 1

Element construction (1×2×AWG24)
Conductor CU-wire bare
Conductor marking white
brown
Conductor insulation Special Polyolefin
Wrapping Foil taping

overall construction

Overall stranding stranded pairs
Overall shield Braid shield
Tinned copper wires
optical cover approx. 85%
Jacket characteristics Silicone-free
Halogen free
Flame-retardant

Technical data

Rated voltage UL 300 V
Test voltage type AC 1500 V
Temperature range moving -30 °C ... +70 °C
Temperature range fixed -40 °C ... +75 °C
Minimum bending radius moving 15×D
Minimum bending radius fixed 7.5×D

Element 1

Element construction (1×2×AWG24)
Conductor resistance 87.6 Ω/km
Operating capacitance Ader-Ader 55 pF/m
Operating capacitance wire-shield 100 pF/m
Loop resistance 87.6 mΩ/m
Impedance 120 Ω

Approvals/Standards

Approvals cULus
CMX

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| | |
|-------------------------------|---|
| Conformity | CE RoHS REACH |
| Burning behavior according to | IEC 60332-1 DIN EN 60332-1-2 VDE 0482 322-1-2 UL 1581 Part VW-1 Flame Test UL FT1 |
| Oil resistant according to | DIN EN 60811-2-1 |
| Halogen free according to | DIN EN 60754-1 IEC 60754-1 |

General

Note CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

Symbols



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