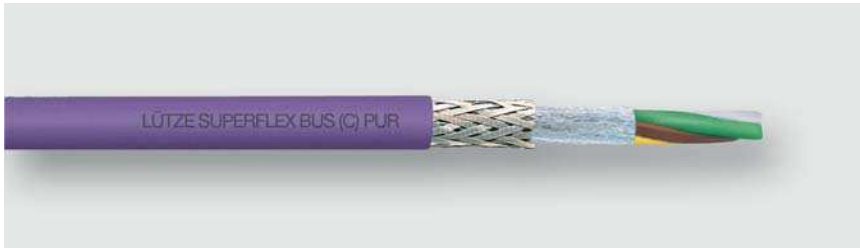


Technical data sheet · LÜTZE SUPERFLEX[®] CAN-BUS (C) PUR

For highest requirements



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

| | | |
|-----------------------|----------|------------------------------|
| Identification | Type | SU BUS(C)PUR UL(2×2×AWG24)VI |
| | Part-No. | 104391 |

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 | (2×2×AWG24) |
| Jacket material | PUR |
| Jacket color | violet RAL 4001 |
| Outer Ø | 7.2 mm |
| Outer Ø | 0.284 inches |
| Surface | adhesion-free matt |
| Weight | 7.2 kg/100 m |
| Weight | 48 Lbs/Mft |

28.04.2017 – Subject to technical modification

Part-No. 104391

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SYSTEMATIC TECHNOLOGY

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Cu-Index 3.3 kg/100 m
Cu-Index 22 Lbs/Mft

Element 1

Element construction (2×2×AWG24)
Conductor CU-wire bare
Conductor marking white
brown
green
yellow
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 (2×2×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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For highest requirements

| | |
|-------------------------------|---|
| 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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