

PUR bus cables · INTERBUS · C-track compatible

LÜTZE SUPERFLEX® INTERBUS (C) PUR UL



Application

- For wiring of industrial field bus systems
- For continuous flexible use e.g. in c-tracks or free movement in the automation technology, transport and conveyor technology, machine tool manufacture

Properties

- High active and passive interference resistance (EMC)
- Silicone free
- Halogen free
- RoHS-compliant

Technical data

| | |
|------------------------|------------------------------------------------------------------------------------------------------------|
| UL approval | AWM 20549 |
| Nominal voltage | 300 V 80 °C |
| Test voltage | 3000 V |
| Impedance | nom. 100 Ω |
| Loop resistance | <155 Ω/km |
| Operating capacitance | <60 pF/m |
| Temperature range | |
| moving | -20 °C to +80 °C |
| fixed | -40 °C to +80 °C |
| Minimum bending radius | |
| moving | D × 12 |
| fixed | D × 6 |
| Fire performance | Flame-retardant according to VDE 0482 part 265-2; IEC 60332-1 UL 1581 section VW-1 Flame-Test, CSA FT 1 |
| Halogen-free | according to EN 50267-2-1 |

Design

- Bare copper braid
- Wire according to AWG or DIN
- Conductor insulation special polyolefin
- Conductors stranded pairs, foil banding
- Braid from galvanised Cu wire, optical coverage ≥ 85 %
- Jacket special-PUR, matt, adhesion-free surface
- Jacket colour violet RAL 4001

| Part-No. | Number of strands/cross-section/ strand colours | Outer-Ø approx. mm | Weight kg/100 m | Cu-Index kg/100 m |
|----------|----------------------------------------------------------|-----------------------|--------------------|----------------------|
| 104258 | (3×2×0.24) white/brown; green/yellow; grey/pink | 7.7 | 6.0 | 3.3 |
| 104259 | (3G1.0+3×2×0.24) white/brown; green/yellow; grey/pink | 8.3 | 13.9 | 8.8 |

CE These products are in conformity with the EU Low Voltage Directive 2006/95/EC