

SAFTEYBUS-PUR



SAFTEYBUS-PUR are bus cables for systems with serial transmissions of relevant safety or safety-related data from direct connection to multiple sensors, actuators and safety controls. With transmission rates up to 500kBits/Second, **SAFTEYBUS-PUR** ensures a short reaction time for event orientated transmissions. For use on SafetyBUS-P® and well known CAN networks found in most process automations. The halogen-free polyurethane outer jacket is designated yellow in color for safety by DESINA and other plant standards. The special UL/CSA version is only available with a yellow PVC outer jacket.



Construction:

- 18 strands of bare copper
- Special polypropylene core insulation
- Color code DIN 47100 (white, brown, green)
- Twisted core configuration
- Special foil wrapping over inners
- Tinned copper braid shield
- Halogen-free PUR outer jacket
- Yellow (RAL 1003)
- Special PVC jacket for UL/CSA version
- Yellow (RAL 1003)

Technical:

- Working voltage: 250v (UL 300v)
- Test voltage: 3000v (UL 2000v)
- Static bending radius: 10 x Ø
- Flexing bending radius: 15 x Ø
- Static PVC temp: -30° C to +80° C
- Flexing PUR temp: -40° C to +80° C
- Flame retardant: IEC 60332.1-2
- Loop resistance: 52 Ω / km
- Impedance: 120 Ω
- Mutual Cap (800 Hz): max 45nF/km

Approvals:

- UL/CSA style 2464 (PVC Only)
- DESINA
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant



PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
SAFETYBUS PUR (STATIONARY)				
18 AWG (0,75mm²)				
8501803	3	0.299" / 7.6mm	32	45
8521903* (PVC - UL/CSA)	3	0.315" / 8.0mm	32	61

* Yellow PVC jacket with UL/CSA AWM Approvals to Style 2464

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
SAFETYBUS PUR-EF (HIGH FLEX)				
18 AWG (0,75mm²)				
8511803*	3	0.299" / 7.6mm	32	45

* Recommended for use in power chains

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