

INDUSTRIAL COMPONENT DATA

2170885 UNITRONIC BUS SAFETY FD P 3X0,75 LAPP

UNITRONIC BUS SAFETY FD P 3X0,75

Brand: LAPP | Manufacturer Part Number: 2170885



Manufacturer	LAPP
MPN / Reference	2170885
Catalog number	UNITRONIC BUS SAFETY FD P 3X0,75
Category	Data and communication cable
Minimum order	1 m.
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Product Overview

UNITRONIC BUS SAFETY FD P 3X0,75

UNITRONIC® BUS SAFETY

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	LAPP > UNITRONIC BUS cabling
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Additional Product Information

For systems e.g. SafetyBUS, based on CAN bus. Colour-coded in acc. with DIN 47100. Halogen free outer sheath, flame retardant. Temp. range from -40°C bis +80°C

Benefits

For serial transmission of safety-oriented data

Application range

UNITRONIC®BUS SAEFTY - fixed Installation

UNITRONIC®BUS SAEFTY FD P - highly flexible applications

For systems such as SafetyBUS p®, based on the well-known CAN bus system

Product features

The stated bit rates result in the following cable lengths (maximum) for a bus segment:

500 kbit/s = max.100 m

250 kbit/s = max. 250 m

125 kbit/s = max. 500 m

50 kbit/s = max. 1,000 m

Norm references / Approvals

Flame retardant acc. to IEC 60332-1-2

Product Make-up

Bare stranded copper wires

Core insulation: foam skin

Tin-plated copper wire braiding

Outer sheath: halogen-free, flame-retardant compound

Outer sheath: yellow

Classification ETIM 5

ETIM 5.0 Class-ID: EC000830

ETIM 5.0 Class-Description: Data cable

Classification ETIM 6

ETIM 6.0 Class-ID: EC000830

ETIM 6.0 Class-Description: Data cable

Certifications

Version UNITRONIC® BUS SAFETY FC:

AWM Style 2464 (80°C 300 V)

Mutual capacitance

(800 Hz): max. 45 nF/km

Peak operating voltage

(not for power applications) 250 V

Conductor resistance

(loop): max. 52 ohm/km

Minimum bending radius**Fixed installation:**

5 x outer diameter

Test voltage

Core/core: 3000 V

Core/core: 1500 V (FD- version)

Characteristic impedance

120 ohm

Temperature range**UNITRONIC BUS SAFETY:**

Fixed installation: -30°C to +80°C

UNITRONIC BUS SA...

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