

INDUSTRIAL COMPONENT DATA

2170332 UNITRONIC BUS PB TORSION 1X2X0,8 LAPP

UNITRONIC BUS PB TORSION 1X2X0,8

Brand: LAPP | Manufacturer Part Number: 2170332



Manufacturer	LAPP
MPN / Reference	2170332
Catalog number	UNITRONIC BUS PB TORSION 1X2X0,8
Category	Data and communication cable
Minimum order	1 m.
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Product Overview

UNITRONIC BUS PB TORSION 1X2X0,8
UNITRONIC® BUS PB TORSION

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

Bus cable for PROFIBUS-DP, -FMS and FIP. For torsional stress, e.g. robot; $\pm 180^\circ$ per 1 m, halogen free, flame retardant.
Temp. Range from -25°C bis 75°C

Benefits

For use where the combination of a halogen-free outer sheath with properties similar to PUR and enhanced flame-retardance is required

Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP

Application range

PROFIBUS DP (in accordance with DIN 19245 and EN 50170, e.g. for SIEMENS SIMATIC® NET, also suitable for FIP - Factory Instrumentation Protocol).

Product features

TORSION: for torsional stress, e.g. robot application; $\pm 180^\circ$ per 1 m

Halogen-free

Flame-retardant according IEC 60332-1-2

Based on the bit rates listed, in accordance with PNO specifications the following maximum cable lengths for a bus segment

apply

(cable type A, PROFIBUS-DP):

93.75 kbit/s = 1200 m

187.5 kbit/s = 1000 m

500 kbit/s = 400 m

1.5 Mbit/s = 200 m

12.0 Mbit/s = 100 m

Norm references / Approvals

Certification: UL type CMX in accordance with UL 444

Product Make-up

Stranded bare copper wire

Core insulation: PE

Overall screening with copper braid and plastic-laminated aluminium foil

Outer sheath: PUR, violet (RAL 4001)

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

Mutual capacitance

(800 Hz): max. 30 nF/km

Peak operating voltage

(not for power applications)

300 V

Torsion movement in WTG (wind turbine g...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170332 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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