

INDUSTRIAL COMPONENT DATA

21700504 ED-PB-90 LAPP ED-PB-90

Brand: LAPP | Manufacturer Part Number: 21700504



Manufacturer	LAPP
MPN / Reference	21700504
Catalog number	ED-PB-90
Category	D-Sub connector
Minimum order	1 Pcs
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Product Overview

ED-PB-90

EPIC® DATA PB Sub-D

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path LAPP > EPIC DATA Copper

Additional Product Information

PROFIBUS Sub-D connector, screw terminals, integrated bus termination, optional LED diagnostic/interfaces, cable outlet 35°/90°/180°

Optional with LED diagnostic

M12 and REPEATER version

Versions with 2nd Sub-D interface

Benefits

Easy connection with tried-and-tested M12 / screw terminal technology
sensor/ ac

Terminating resistor (integrated) can be switched

REPEATER version: Regeneration of data signal
(slope, power and mark-to-space ratio)

ATEX version: For use within intrinsically-safe circuits in zone 2 areas with an explosion hazard (explosive gas atmosphere occurs only rarely and briefly)

Product features

Max. transmission rate 12 Mbit/s possible

Current consumption max. 12,5 mA

(with LED 35 mA / REPEATER 100 mA)

Supply voltage 4.75 - 5.25 V DC

(supplied from the terminal)

Terminating resistor "ON" - the outbound bus cable is disconnected

REPEATER version: Easy extension of the PROFIBUS network:

- up to 3 repeaters
- 1 additional PROFIBUS segment
- galvanic isolation

Norm references / Approvals

IEC 61158, IEC 61784

UL File No. E331560

ATEX version: DIN EN 60079-0:2006, DIN 60079-15:2005 (category 3G zone 2)

Product Make-up

D-Sub plug, 9-pin, fixing screws 4-40 UNC

Improved electromagnetic compatibility (EMC) by metallized housing

Versions with additional Sub-D interface for programming/diagnostic ("PG")

For cable outer diameter: 5 - 8 mm / M12 B-coded cordsets

LED Version indicate:

bus operation - (green)

station transmission - (blue)

terminating resistor "on" - (orange)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 21700504 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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