

Product Description

3 status LEDs indicate: bus operation, station transmission, terminating resistance; Simplified troubleshooting; Standardised interfaces; Cost-saving due to quick installation; Easy to connect



Application range

- Automation technology
- Mechanical engineering
- Plant engineering
- Tool shop
- Control engineering

Benefits

- 3 status LEDs indicate: bus operation, station transmission, terminating resistance
- Simplified troubleshooting
- Standardised interfaces
- Cost-saving due to quick installation
- Easy to connect

Design

- Sub-D plug, 9-pin
- Metallised housing
- Cable outlet 90°
- For cable diameter: 5.0 to 8.0 mm
- (-PG) With additional programming/diagnostic interface: Sub-D socket, 9-pin

Approvals



- Sub-D pin assignment in accordance with PROFIBUS

Product features

- Screw termination
- Adjustable termination resistor is integrated
- Switch can also be operated when the connector is plugged and setting is clearly visible
- When used as a through connector (two cable connections, node) the switch must be in the "OFF" position. If used as a terminating connector (one cable connection, segment end), the switch must be in the "ON" position.
- If the switch is in the "ON" position the outgoing bus cable is disconnected

Technical Data

Dimensions

64 mm x 40 mm x 17 mm (LxWxH)

Terminating resistor

Integrated resistor combination that is connected by a sliding switch

Connection type

Screwing

Weight

Approx. 40 g

Cable outlet

90°

Interfaces

PROFIBUS station: SUB-D socket, 9-pin

PROFIBUS cable: 4 terminal blocks for wires up to 1.0 mm²

Protection rating

IP20

Current consumption

max. 35 mA

Transmission rate

max. 12 MBit/s

Degree of soiling

2

Supply voltage

4.75 to 5.25 V DC (supplied from terminal)

Permissible ambient conditions

Operating temperature: 0°C to +60°C Transport and storage temperature: -25°C to +80°C Relative humidity: max. 75 % at +25°C

Article List

Part number	Article designation	Cable outlet	PG	Pieces / PU
EPIC® Data PROFIBUS Connectors				
21700530	ED-PB-90-LED	90°	no	1
21700529	ED-PB-90-PG-LED	90°	yes	1

Footnote:

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available



upon request.

Photographs are not to scale and do not represent detailed images of the respective products.

For detailed technical information please refer to www.lappautomation.com