Product Description

3 status LEDs indicate: bus operation, station transmission, terminating resistance;Simplified troubleshooting;Visual connection control;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
- Visual connection control
- 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

- Type FC for solid conductor or 7-wire stranded conductor. Type FC-FLEX for 19-wire or 7-wire stranded conductor.
- 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
Fast Connect

Weight
Approx. 40 g

Cable outlet
90°

Interfaces
PROFIBUS station: SUB-D socket, 9-pin
PROFIBUS cable: FC standard cable,   Ø 0.64 mm

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)

Permissble 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	Cable types	PG	Pieces / PU
EPIC® Data PROFIBUS Connectors					
21700547	ED-PB-90-LED-FC	90°	Solid	no	1
21700546	ED-PB-90-PG-LED-FC	90°	Solid	yes	1
21700549	ED-PB-90-LED-FC-FLEX	90°	Flexible	no	1

21700539	ED-PB-90-PG-LED-FC-FLEX	90°	Flexible	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