

### Product Description

3 status LEDs indicate: bus operation, station transmitting, terminating resistor; Simplify status investigation; Visual connection control; Cost saving because of 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 transmitting, terminating resistor
- Simplify status investigation
- Visual connection control
- Cost saving because of quick installation
- Easy to connect

### Design

- Sub-D plug, 9-pole
- Metalized housing
- Cable outlet 90°
- For cable diameter: 5.0 ... 8.0 mm
- (-PG) Additionally with programming/diagnostic interface: Sub-D socket, 9-pole

### Approvals (Norm references)



- Sub-D connection / pin assignment in accordance with PROFIBUS

### Product features

- Fast Connect
- Switchable terminating resistor integrated
- Switch can also be operated when the connector is plugged and setting is clearly visible
- When being used as a through connector (two cable connections, node) the switch must be in the "OFF" position, if being as a terminal resistor (one cable connection) 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)

#### Termination resistor

Resistor combination integrated, connectable with slide switch

#### Connection type

Fast Connect

#### Weight

approx. 40 g

#### Outgoing cable

90°

#### Interfaces

PROFIBUS-station: SUB-D socket, 9-pole

PROFIBUS-cable: FC standard cable, Ø 0.64 mm

#### Degree of protection

IP20

#### Current consumption

max. 35 mA

#### Transmission rate

max. 12 MBit/s

#### Pollution degree

2

#### Voltage consumption

4.75 .. 5.25 V DC (device is energized)

#### Permissible ambient conditions

Surrounding air temperature: 0°C...+60°C Transport and

storage temperature: -25°C...+80°C Relative humidity:

max. 75% at +25°C

### Article List

| Part number                                    | Article designation  | Outgoing cable | Cable types | PG  | Pieces / PU |
|--|----------------------|----------------|-------------|-----|-------------|
| EPIC® Data PROFIBUS Connectors For solid cores |                      |                |             |     |             |
| 21700547                                       | ED-PB-90-LED-FC      | 90°            | Solid       | no  | 1           |
| 21700546                                       | ED-PB-90-PG-LED-FC   | 90°            | Solid       | yes | 1           |
| For stranded cores                             |                      |                |             |     |             |
| 21700549                                       | ED-PB-90-LED-FC-FLEX | 90°            | Flexible    | no  | 1           |



|          |                         |     |          |     |   |
|----------|-------------------------|-----|----------|-----|---|
| 21700539 | ED-PB-90-PG-LED-FC-FLEX | 90° | Flexible | yes | 1 |
|----------|-------------------------|-----|----------|-----|---|

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

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

For detailed information please see [www.lappautomation.com](http://www.lappautomation.com)