

## Product Description

3 status LEDs indicate: bus operation, station transmitting, terminating resistor; Simplify status investigation; Standardized interfaces; 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
- Standardized interfaces
- 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

- Screwing connection
- 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**

Screwing

**Weight**

approx. 40 g

**Outgoing cable**

90°

**Interfaces**

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

PROFIBUS-cable: 4 terminals for wires up to 1,0 mm<sup>2</sup>

**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	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:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we



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