

Product Description

Very flexible in use;Increases the number of nodes;Cost saving because of quick installation;Easy to connect;No additional space needed in the cabinet



Application range

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

Benefits

- Very flexible in use
- Increases the number of nodes
- Cost saving because of quick installation
- Easy to connect
- No additional space needed in the cabinet

Design

- Sub-D plug, 9-pole
- Metalized housing
- 24 V supply is not necessary
- Status LEDs
- For cable diameter: 5.0 ... 8.0 mm

Approvals (Norm references)



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

Product features

- Screwing connection
- Can be used as a bus extension or spur line
- 5 V supply direct from PROFIBUS, with that it is usable on every PROFIBUS device
- Repeater covers transmission rates from 9.6 KBit/s to 12 MBit/s
- Transmission Rate--> max. segment length: 9.6 KBit/s 1000 m 187.5 KBit/s 1000 m 500 KBit/s 400 m 1.5 MBit/s 200 m 3 MBit/s 100 m 12 MBit/s 100 m

Technical Data

Dimensions

64 mm x 40 mm x 17 mm (LxWxH)

Connection type

Screwing

Weight

approx. 40 g

Outgoing cable

90°

Interfaces

Connection: SUB-D socket, 9-pole

PROFIBUS-cable: 4 terminals for wires up to

1,0 mm² Protocol: PROFIBUS DP per EN 50170

Degree of protection

IP20

Current consumption

typ. 100 mA

Transmission rate

9.6 Kbit/s to 12 MBit/s autodetection

Pollution degree

2

Voltage consumption

+5 V DC

Permissible ambient conditions

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

storage temperature: -25°C...+75°C

Article List

Part number	Article designation	Outgoing cable	PG	Pieces / PU
EPIC® Data PROFIBUS Connectors				
21700541	ED-PB-90-RP-PG	90°	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.

Detailed manual see www.lappautomation.com



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