

Product Description

Standardized interfaces; Cost saving because of quick installation; Easy to connect



Application range

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

Benefits

- 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

- Spring type terminal
- 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

65 mm x 48 mm x 16 mm (LxWxH)

Termination resistor

Resistor combination integrated, connectable with slide switch

Connection type

Spring type terminal (ST)

The stripped conductors contacts automatically when inserted, for breaking the connection the orange lever must be pressed

Weight

approx. 40 g

Outgoing cable

90°

Interfaces

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

PROFIBUS-cable: 4 spring type terminals for wires up to 0,5 mm²

(Solid conductor)

Degree of protection

IP20

Current consumption

max. 12.5 mA

Transmission rate

max. 12 MBit/s

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					
21700509	ED-PB-90-ST	90°	Solid	no	1
21700508	ED-PB-90-PG-ST	90°	Solid	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