

Product Description

Qualified for FC cables; Standardized interfaces; Cost saving because of quick installation; Easy to connect



Application range

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

Benefits

- Qualified for FC cables
- 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

- Visual connection control
- 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

72 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. 12.5 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: -25°C...+70°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					
21700502	ED-PB-90-FC	90°	Solid	no	1
For stranded cores					
21700528	ED-PB-90-FC-FLEX	90°	Flexible	no	1
21700501	ED-PB-90-PG-FC	90°	Solid	yes	1
21700527	ED-PB-90-PG-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.

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