



Data Connectors D-Sub (9-pin.) For PROFIBUS DP according to IEC 61158, IEC 61784, with M12 (B-coded), 180 °, 90 °, 35 ° cable outlet, diagnosis LED and PG

- Fully compatible with market standard



Product description

Application range

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

Benefits

- Cost-saving due to quick installation (Plug & Play)
- Secure PROFIBUS network connection
- Suitable for assembled M12 PB cables
- Simple to use, as compatible with the market standard
- Standardised interfaces

Product Make-up

- D-Sub plug, 9-pin, fixing screws 4-40 UNC
- 5-pin connector, M12, B-coded
- Metallised housing
- (-PG) With additional programming/diagnostic interface: D-Sub socket, 9-pin

Norm references / Approvals

- D-Sub (9 pos) pin assignment in accordance with PROFIBUS
- IEC 61158, IEC 61784
- UL File: E331560

Product features

- No loose parts
- Switchable bus termination is integrated
- Switch can also be operated when the connector is plugged and setting is clearly visible
- When used as a through connector (two cable connections, node) the switch must be in the "OFF" position. If used as a terminating connector (one cable connection, segment end), 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	70 mm x 40 mm x 17 mm (L x W x H)
Terminating resistor	Integrated resistor combination that is connected by a sliding switch
Connection type	M12
Weight	approx. 60 g
Cable outlet	90°
Interfaces	PROFIBUS station: D-Sub socket, 9-pin PROFIBUS cable: M12 PB system cabling
Protection rating	IP20
Current consumption	max. 12.5 mA
Transmission rate	max. 12 MBit/s
Degree of soiling	2
Supply voltage	4.75 to 5.25 V DC (supplied from terminal)
Permissible ambient conditions	Operating temperature: 0°C to +60°C Transport and storage temperature: -25°C to +80°C Relative humidity:

max. 75 % at +25°C