Data Connectors D-Sub (9-pin.) For PROFIBUS DP according to IEC 61158, IEC 61784, with spring type (ST) connection, 90 ° cable outlet and PG (option)

- Fully compatible with market standard

Product description

Application range

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

Benefits

- Secure PROFIBUS network connection
- Easy to connect
- Small design
- Standardised interfaces
- Improved electromagnetic compatibility (EMC) by metallized housing

PRODUCT INFORMATION FOR EPIC® Data PROFIBUS Connectors 90° Spring type by
PERTRONIC CABLES SASA PERIC ROSENSTR.6 74239 HARDTHAUSEN TEL: 07139-507-8687 FAX: 07139-507-8680
www.pertronic-cables.com | sales@pertronic.eu | Skype PERTRONIC-CABLES | see you GOOGLE + PERTRONIC KABEL

Product Make-up

- D-Sub plug, 9-pin, fixing screws 4-40 UNC
- Metallised housing
- Cable outlet 90°
- For cable outer diameter:
  max. 8 mm
- (-PG) With additional programming/diagnostic
  interface: D-Sub socket, 9-pin

Norm references / Approvals

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

Product features

- Spring-type terminal
- 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	65 mm x 48 mm x 16 mm (LxWxH)
Terminating resistor	Integrated resistor combination that is connected by a sliding switch
Connection type	Spring-type (ST)
	Contact is automatically created when the stripped conductor is inserted into the spring terminal. The orange lever must be pressed to break the connection.
Weight	Approx. 40 g
Cable outlet	90°
Interfaces	PROFIBUS station:
	D-Sub socket, 9-pin
	PROFIBUS cable:
	4 spring-type terminals for wires up to 0.5 mm²
	(Solid conductor)
Protection rating	IP20
Current consumption	max. 12.5 mA
Transmission rate	max. 12 MBit/s
Supply voltage	4.75 to 5.25 V DC
	(supplied from terminal)

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Permissble 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

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