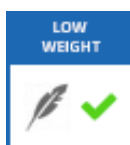




Small design; Secure PROFIBUS network connection; Improved electromagnetic compatibility (EMC) by metallized housing; Easy connection of PROFIBUS cable by proven screw clamp connection; Standardised interfaces

- Fully compatible with market standard
- Optional LED diagnostics



Product description

Application range

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

Benefits

- Small design
- Secure PROFIBUS network connection
- Improved electromagnetic compatibility (EMC) by metallized housing
- Easy connection of PROFIBUS cable by proven screw clamp connection
- Standardised interfaces

Product Make-up

- D-Sub plug, 9-pin, fixing screws 4-40 UNC
- Metallised housing
- Cable outlet: 35° / 90° / 180°
- For cable outer diameter:
5 ... 8 mm
- Status LEDs indicate:
bus operation - (green)
station transmission - (blue)
terminating resistance - (orange)

Norm references / Approvals

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

Product features

- Screw termination
- 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	54 mm x 40 mm x 17 mm - 35° 64 mm x 40 mm x 17 mm - 90° 68 mm x 40 mm x 17 mm - 180° (LxWxH)
Terminating resistor	Integrated resistor integrated
Connection type	Screwing
Weight	Approx. 40 g
Interfaces	PROFIBUS station: D-Sub socket, 9-pin PROFIBUS cable: 4 terminal blocks for wires up to 1.0 mm ² (solid / flexible)
Protection rating	IP20
Current consumption	max. 12,5 mA (35 mA - LED version)
Transmission rate	max. 12 MBit/s
Degree of soiling	2
Supply voltage	4.75 to 5.25 V DC

Permissible ambient conditions

(supplied from terminal)

Operating temperature:

-25°C to +85°C

Relative humidity:

max. 75 % at +25°C