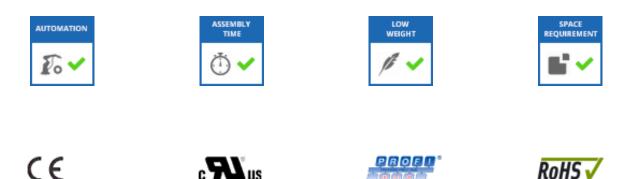Cost-saving due to quick installation (Plug & Play); Small design; Secure PROFIBUS network connection; Simple to use, as compatible with the market standard; Improved electromagnetic compatibility (EMC) by metallized housing

- Fully compatible with market standard
- Optional LED diagnostics

Product description

Application range

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

Benefits

- Cost-saving due to quick installation (Plug & Play)
- Small design
- Secure PROFIBUS network connection
- Simple to use, as compatible with the market standard
- Improved electromagnetic compatibility (EMC) by metallized housing

Product Make-up

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

Norm references / Approvals

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

Product features

- Visual bus connection control
- Switchable bus termination is integrated
- 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
- Type 'FC': for solid conductor or 7-wire stranded conductor
  Type 'FC-FLEX': for 19- or 7-wire stranded conductor

Technical Data

Dimensions	95 mm x 70 mm x 17 mm - 35°
	72 mm x 40 mm x 17 mm - 90°
	70 mm x 35 mm x 17 mm - 180°
	(LxWxH)
Terminating resistor	Integrated resistor integrated
Connection type	Fast Connect
Weight	Approx. 50 g
Interfaces	PROFIBUS station:
	SUB-D socket, 9-pin
	PROFIBUS cable:
	FC standard cable, Ø 0.64 mm
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
	(supplied from terminal)
Permissble ambient conditions	Operating temperature:

-25°C to +85°C
Relative humidity:
max. 75 % at +25°C
*The max. temperature for UL is 60 °C.