

21700543	DATA SHEET	
Valid from: 17.09.2018	ED-PB-90-ATEX	

Description

- PROFIBUS Sub-D plug with screw connector, 9-pole
- For cable diameters 5.0 – 8.0 mm
- For usage in explosion hazardous areas of zone 2 (explosive gas atmosphere appears seldom and for a very short time)
- Easy to connect
- Metallized housing



General characteristics

Programming/diagnostic interface	No
Cable outlet	90°
Connection type	Screwing
Interfaces	PROFIBUS-station: SUB-D socket, 9-pole
	PROFIBUS-cable: 4 terminals for wires up to 1.0 mm ²
Suitable cable-Ø	5.0 – 8.0 mm
Termination resistor	Integrated, connectable with slide switch
Transmission rate (max.)	12 Mbit/s
Temperature range	0 °C to +60 °C (32 °F to 140 °F) (operation)
	-25 °C to +80 °C (-13 °F to 176 °F) (storage/transportation)
Protection class	IP 20

Mechanical characteristics

Dimensions	64 mm x 40 mm 17 mm (LxWxH)
Weight	Appr. 40 g

Electrical characteristics

Pollution degree	2
Supply voltage	4.75 – 5.25 V DC (supplied from the terminal)
Current consumption (max.)	12.5 mA

Application range

Automation, industrial machinery and plant engineering

Note

Photographs are not true to scale and do not represent detailed images of the respective products.

Creator: MOK02/PDP Released: IVSE1/PDP	Document: DB21700543EN Version: 03	Page 1 of 1
---	---------------------------------------	-------------