

21700501

**DATA SHEET**Valid from:  
17.09.2018**ED-PB-90-PG-FC**

PROFIBUS bus connector, Sub-D with Fast Connect,  
Cable outlet 90°, integrated terminating resistor,  
with additional Sub-D port for the programming device, with 12 Mbit/s

**Approvals****Technical data**

Cable outlet:	90°
Connection type:	Fast Connect
Programming-/Diagnosis-interface:	Yes
For cable type:	Solid conductor (versions with "S" at the cover) Solid conductor/ 7-/ 19-wires (version from 01.07.2015, identifiable with the missing "S")
For outer cable diameter:	5.0 to 8.0 mm
Degree of protection:	IP20
Pollution degree:	2
Dimensions:	72 x 40 x 17 mm (LxWxH)
Terminating resistor:	150 Ω, integrated, connectable via slide switch
Interfaces:	PROFIBUS- participant: Sub-D socket, 9-pins PROFIBUS-cable: FC standard cable, Ø 0.64 mm
Transmission rate:	Max. 12 Mbit/s
Supply voltage:	4.75 to 5.25 V DC (from terminal)
Current consumption:	Max. 12.5 mA
Operating temperature:	- 25 °C to +70 °C *The maximum ambient temperature for UL is + 60 °C
Transport- and storage temperature:	- 25 °C to + 80 °C
Relative humidity:	Max. 75 % at + 25 °C
Material, housing:	Metallized housing
Fixture screw:	4-40 UNC
Norms/approvals:	IEC 61158 IEC 61784 UL-File E331560
ETIM 5.0 Class-ID:	EC001132

AbN  
automation

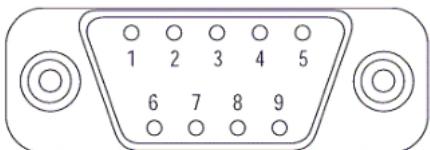
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## Description

When used in the middle of a PROFIBUS network (two cable connections, node) the switch at the connector 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 outbound bus cable is disconnected.



## 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.