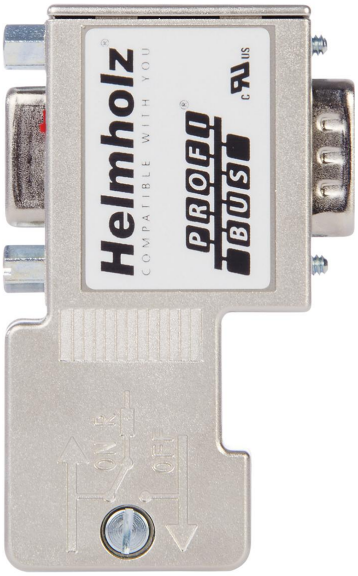
700-972-0BB12



PROFIBUS Connector

- Metalized housing
- No parts that can be lost
- Integrated switchable terminating resistor
- 90° cable outlet
- Proven screw terminal
- The PROFIBUS connectors are also available in packs of 10 or 50
- The maximum ambient temperature for UL is +60 °C.
- Integrated PG interface

Info

PROFIBUS connector - proven and worldwide in use.

The PROFIBUS connector 90° is equipped with a proven and reliable screw terminal. It is quickly mounted and has integrated, connectable terminating resistors.For improved EMC compatibility, the housing of the plug is metalized.The PROFIBUS connector works in the extended ambient temperature range of -25 °C to +85 °C Additional participants can be connected via the integrated PG interface.

Technical data

General information	
Order number	700-972-0BB12
Article name	PROFIBUS connector, 90°, screw terminal, with PG
Scope of delivery	PROFIBUS connector, installation instructions
Dimensions (DxWxH)	40 x 17 x 64 mm
Weight	Approx. 40 g
Cable outlet	Vertical cable outlet, suitable for FastConnect stripping tool
Terminating resistor	Resistor combination integrated and switchable using slide switch
PG connection socket	yes, SUB-D, 9-pin
PROFIBUS bus cable	60/75 °C copper cable up to 1.0 mm2
Maximum outside diameter	8.0 mm
Voltage supply	+ 4.75 ... + 5.25 V DC (must come from the device)
Current draw	Max. 12.5 mA
PROFIBUS interface	
Number	1
Transmission rate	max. 12 Mbps
Connection	SUB-D connector, 9-pin
Connector	
Connector type	terminal strips
Number	4
Ambient conditions	
Ambient temperature	-25 °C ... +85 °C (The maximum ambient temperature for UL is +60 °C.)
Transport and storage temperature	-25 °C ... +85 °C
Relative air humidity	70 % at +25 °C
Pollution degree	2
Protection rating	IP20
Approvals	CE, UL