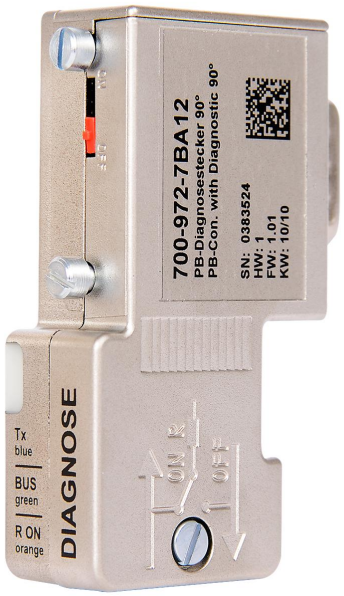
700-972-7BA12



PROFIBUS Connector with Diagnostics LED
90° without PG

- 3 status LEDs to indicate “bus operation,” “participant is sending,” “terminating resistor inserted”
- 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

Info

PROFIBUS connector - proven and worldwide in use. It is quickly mounted and has integrated, connectable terminating resistors.For improved EMC compatibility, the housing of the plug is metalized.Using the PROFIBUS connector diagnosis, a PROFIBUS network can be established in which the user can at any time check the state of the bus system at a glance.The three built-in LEDs with the easily distinguished colors blue, green, and orange indicate the most important states of the PROFIBUS network at each station. The state of the terminating resistor (orange), whether bus activity is present (green), and whether the addressed participant is participating in the bus traffic (blue) are displayed.In this way you can immediately recognize error states such as bus interrupts, missing or incorrectly connected terminating resistors, and malfunctioning or failed bus participants.The PROFIBUS connector works in the extended ambient temperature range of -25 °C to +85 °C.

Technical data

General information	
Order number	700-972-7BA12
Article name	PROFIBUS connector, 90° screw terminal, diagnostics LED, without 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	No
PROFIBUS bus cable	60/75 °C copper cable up to 1.0 mm2
Maximum outside diameter	8.0 mm
Status indicator	1 LED, 3-color
Current draw without modules (internal)	Max. 35 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