PROFIBUS Connector, 90° with diagnostic LEDs

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Features

- 3 status LEDs indicate "bus operation", "station transmitting", "terminating resistor inserted"
- Metalized housing
- No loosable parts
- Integrated switchable terminating resistor
- 90° cable outlet
- Screw terminals

The PROFIBUS connector 90° with diagnostic LEDs is equipped with proven and reliable screw terminals.
The connector is quickly mounted and has integrated, connectable terminating resistors.
The housing is metallized for improved electromagnetic compatibility.
The PROFIBUS diagnostic connector can be used to connect a PROFIBUS network in which the user can check the status of the bus system at any time 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 in progress (**green**) and whether the station addressed is participating in bus traffic (**blue**) are all indicated.
This means errors, such as bus interruptions, missing or incorrectly connected terminating resistors and malfunctioning or failed bus stations can be detected immediately.

Technical Data	
Programming device connector Order No. 700-972-7BB12 Order No. 700-972-7BA12	**Yes** **No**
Dimensions (D x W x H mm)	64 x 40 x 17
Weight	Approx. 40 g
Outgoing cable	Vertical outgoing cable suitable for Fast-Connect[1] stripping tool
Terminating resistor	Resistor combination integrated and connectable with slide switch
Transmission rate max.	12 Mbps
Interfaces PROFIBUS station	SUB-D, 9-way
Max. outside diameter	8.0 mm
PROFIBUS cable	60/75 °C copper wire up to 1.0 mm²
Connection type	4 terminals
Voltage consumption	4.75 ... 5.25 V DC (must come from connected equip)
Current consumption max.	35 mA
Environmental pollution degree	2
Ambient temperature Transport and storage temperature Relative humidity max.	0 °C ... +60 °C -25 °C ... +80 °C 75 % at +25 °C
Degree of protection	IP 20

Ordering Data	Order No.
PROFIBUS Connector, 90° with diagnostic LEDs without prog. device connector 90° with prog. device connector 90°	 700-972-7BA12 700-972-7BB12
Stripping tool for PROFIBUS	700-972-6AA00

1) FastConnect is a registered trademark of Siemens AG.