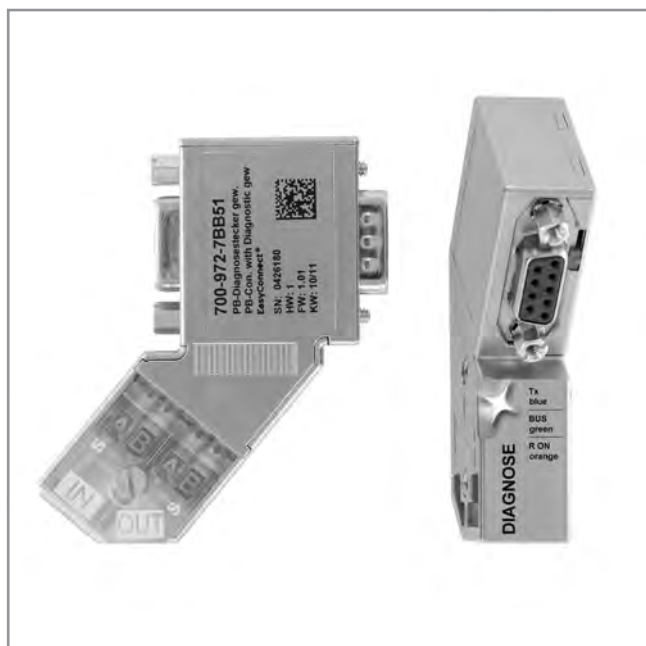


PROFIBUS connector, angled diagnosis **EasyConnect**<sup>®</sup>



PROFIBUS connector, angled diagnosis **EasyConnect**<sup>®</sup>

The PROFIBUS connector, angled **EasyConnect**<sup>®</sup> diagnosis features quick-connect technology, making stripping of the bus wires unnecessary.

With the aid of a visual connection control, it is also possible to check that the PROFIBUS cable is correctly connected after it is mounted.

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 **EasyConnect**<sup>®</sup> connectors also work in the expanded ambient temperature range of -25 °C to +85 °C.

**FEATURES**

- 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
- Angled cable outlet
- Quick-connect technology **EasyConnect**<sup>®</sup>
- Visual connection control



**ORDERING DATA**

**PROFIBUS connector, angled diagnosis **EasyConnect**<sup>®</sup> for solid cable with PG socket**

**ORDER NO.**

**700-972-7BB51**

The PROFIBUS connectors are also available in packs of 10 or 50 pieces.

**TECHNICAL DATA**

PG socket	Yes
Dimensions in mm (D x W x H)	68 x 60 x 17
Weight	Approx. 50 g
Cable outlet	Angled cable outlet
Terminating resistor	Resistor combination integrated and switchable using slide switch
Transfer rate	max. 12 Mbps
<b>Interfaces</b>	
PROFIBUS participants	SUB-D, 9-pin
Maximum outside diameter	8.0 mm
PROFIBUS cable	FC standard cable, solid, 0.64 mm Ø 60/75 °C copper cable
Connector type	<b>EasyConnect</b> <sup>®</sup>
Supply voltage	4.75 ... 5.25 V DC (must come from the device)
Current draw	max. 35 mA
Pollution degree	2
Ambient temperature	-25 °C ... +85 °C
Transport and storage temperature	-25 °C ... +85 °C
Relative humidity	max. 75% at +25 °C
Protection rating	IP 20