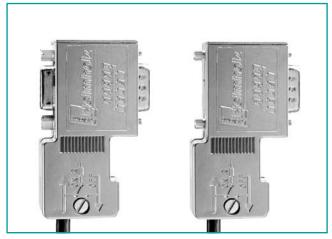
## **PROFIBUS** Connectors

## **PROFIBUS Connector, 90°**



Bus connector for PROFIBUS with (l.) and without (r.) prog. device connector

With their compact design, the bus connectors of Systeme Helmholz GmbH are ideal for connecting PROFIBUS stations. A slide switch sets whether the connector will be used as a node or end of segment. The switch can also be operated when the connector is plugged. The switch setting is clearly visible. The connector must be used as a node ("OFF") when the inco-

ming bus and the outgoing bus are to be interconnected. This deactivates the terminating resistors.

The connector must be set as a segment end ("ON") on the first and last (extreme) stations of the segment. In that case the terminating resistors are connected on the incoming bus, the outgoing bus is disconnected.

		Max.
		PROFI
		Conne
Ordering Data		Voltag
	Order No.	
<b>PROFIBUS Connector, 90°</b> without prog. device connector	700-972-0BA12	Curre
with prog. device connector 90°	700-972-0BB12	Enviro
Stripping tool for PROFIBUS	700-972-6AA00	Ambie
		Trans

The PROFIBUS connectors are also available in boxes containing 10 or 50 pieces. 1) FastConnect is a registered trademark of Siemens AG.

## **Features**

- Metalized housing
- No loosable parts
- Integrated terminating resistor
- 90° cable outlet
- Small housing
- · Screw terminals





Technical Data	
<b>Programming device connector</b> Order No. 700-972-0BB12 Order No. 700-972-0BA12	Yes No
Dimensions (DxWxHmm)	64 x 40 x 17
Weight	Approx. 40 g
Outgoing cable	Vertical outgoing cable suitable for FastConnect <sup>1)</sup> strip- ping tool
Terminating resistor	Resistor combination integrated and connectable with slide switch
Transmission rate max.	12 Mbps
Interfaces PROFIBUS station	SUB-D connector, 9-way
Max. outside diameter	8.0 mm
PROFIBUS cable	60/75 °C copper wire up to 1.0 mm <sup>2</sup>
Connection type	4 terminals
Voltage consumption	4.75 5.25 V DC (must come from connected equip.)
Current consumption max.	12.5 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

Systeme Helmholz GmbH | 91091 Großenseebach | Phone: +49 9135 7380-0 | Fax: +49 9135 7380-110 | Internet: www.helmholz.com