



PROFIBUS connector 90° with (l.) and without (r.) PG interface

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 connectors also work in the extended ambient temperature range of -25 °C to +85 °C¹.

FEATURES

- Metalized housing
- No parts that can be lost
- Integrated switchable terminating resistor
- 90° cable outlet
- Proven screw terminal



TECHNICAL DATA

PG socket		
Order No. 700-972-0BB12		Yes
Order No. 700-972-0BA12		No
Dimensions in mm (D x W x H)		64 x 40 x 17
Weight		Approx. 40 g
Cable outlet		Vertical cable outlet, suitable for FastConnect wire stripping tool
Terminating resistor		Resistor combination integrated and switchable using slide switch
Transfer rate	max.	12 Mbps
Interfaces		
PROFIBUS participants		SUB-D, 9-pin
Maximum outside diameter		8.0 mm
PROFIBUS cable		60/75 °C copper cable up to 1.0 mm ²
Connector type		4 serial terminals
Supply voltage		4.75 ... 5.25 V DC (must come from the device)
Current draw	max.	12.5 mA
Pollution degree		2
Ambient temperature		-25 °C ... +85 °C ¹
Transport and storage temperature		-25 °C ... +85 °C
Relative humidity	max.	75% at +25 °C
Protection rating		IP 20

ORDERING DATA

ORDER NO.

PROFIBUS connector, 90° without PG socket, screw terminal	700-972-0BA12
with PG socket, screw terminal	700-972-0BB12
Wire stripping tool for PROFIBUS	700-972-6AA00

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

1) The maximum ambient temperature for UL is 60 °C.