SIMATIC DP

Product Data Sheet

6ES7972-0BB50-0XA0

PROFIBUS bus connector

PROFIBUS TRANSFER RATE	BUS CABLE CONNECTIONS	STATION CONNECTION	CABLE CONNECTION
9.6 kbit/s to 12 Mbit/s	**2**	**9-pin Sub-D**	**Insulation displacement**

Siemens 6ES7972-0BB50-0XA0 is a profibus bus connector for the Simatic DP product family. It provides 9.6 kbit/s to 12 mbit/s for distributed automation, machine control, and industrial communication tasks.

01 VERIFIED TECHNICAL DATA

PROFIBUS transfer rate	9.6 kbit/s to 12 Mbit/s
Bus cable connections	2
Station connection	9-pin Sub-D
Cable connection	Insulation displacement
FastConnect support	Yes
PG socket	Yes
Cable outlet	90°
Terminating resistor	Integrated, slide-switch selectable
Enclosure material	Plastic
Protection rating	IP20

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Strain relief	Integrated

03 DOCUMENTED USE SETTINGS

Automotive Production and Assembly: Body production lines.

Water Treatment and Distribution: Pumping station automation.

Food Processing and Packaging: Packaging machine control.

04 SYSTEM COMPATIBILITY

Install 6ES7972-0BB50-0XA0 only in the documented Simatic DP environment and verify the applicable terminal, bus, or module interface before wiring.

05 PRODUCT EVIDENCE

Siemens product data sheet

AMIKON PRODUCT SUPPORT

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