

SIMATIC DP

Product Data Sheet

6ES7972-0BB51-0XA0

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 6ES7972-0BB51-0XA0 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

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 6ES7972-0BB51-0XA0 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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