SIMATIC DP

Product Data Sheet

6ES7972-0BB52-0XA0

FastConnect PROFIBUS connector

TRANSFER RATE	BUS CABLE CONNECTIONS	STATION INTERFACE	CONNECTION METHOD
9.6 kbit/s to 12 Mbit/s	**2**	**9-pin Sub-D**	**FastConnect insulation displacement**

Siemens 6ES7972-0BB52-0XA0 is a fastconnect profibus connector for the Simatic DP product family. It provides the documented transfer rate of 9.6 kbit/s to 12 Mbit/s for compatible industrial automation and electrical systems.

01 VERIFIED TECHNICAL DATA

Transfer rate	9.6 kbit/s to 12 Mbit/s
Bus cable connections	2
Station interface	9-pin Sub-D
Connection method	FastConnect insulation displacement
PG socket	Yes
Cable outlet	90°
Terminating resistor	Integrated selectable
Protection rating	IP20
Operating temperature	-25 to +60 °C
Strain relief	Integrated

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Naked product size	1.58 x 5.90 x 3.56 cm
Naked product weight	0.05 kg

03 DOCUMENTED USE SETTINGS

Vehicle Assembly and Production Line Automation: Body assembly networks linking distributed machine control stations.

Treatment Plant Monitoring and Pumping Control: Pumping stations exchanging process data across distributed control panels.

Processing Lines and Packaging Machine Networks: Filling lines connecting packaging machines with supervisory control systems.

04 SYSTEM COMPATIBILITY

Install 6ES7972-0BB52-0XA0 only in the documented Simatic DP environment after confirming the exact order code, module position and connection method. Match every supply, signal and network interface to the applicable Siemens data before energization.

05 PRODUCT EVIDENCE

Siemens product data sheet

AMIKON PRODUCT SUPPORT

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