SIMATIC DP PROFIBUS RS485

Product Data Sheet

6ES7972-0BA52-0XA0

FastConnect PROFIBUS Bus Connector

PROFIBUS DATA RATE	BUS CABLE CONNECTION COUNT	EQUIPMENT CONNECTION COUNT	CABLE TERMINATION
9.6 kbit/s to 12 Mbit/s	**2**	**1**	**Insulation displacement contacts for two-core PB FC cable**

Siemens 6ES7972-0BA52-0XA0 is a fastconnect profibus bus connector in the SIMATIC DP PROFIBUS RS485 range. It supports the documented automation configuration in industrial equipment.

01 VERIFIED TECHNICAL DATA

PROFIBUS data rate	9.6 kbit/s to 12 Mbit/s
Bus cable connection count	2
Equipment connection count	1
Cable termination	Insulation displacement contacts for two-core PB FC cable
Station connector	9-pin D-sub male
Terminating network	Integrated resistor combination, slide-switch selectable
Cable outlet angle	90°
Enclosure material	Plastic
Locking construction	Screwed joint
Operating temperature	-25 to 60 deg C

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Storage and transport temperature	-40 to 70 deg C
Ingress protection	IP20
Programming-device socket	Not provided
Cable strain relief	Provided
Silicone content	Silicone-free

03 DOCUMENTED USE SETTINGS

Pulp Production and Paper Manufacturing Processes: Pulp Processing and Preparation.

Water Supply and Wastewater Treatment Processes: Drinking Water Treatment.

Automotive Manufacturing and Vehicle Component Production: Vehicle Component Manufacturing.

04 SYSTEM COMPATIBILITY

Match 6ES7972-0BA52-0XA0 to the accepted SIMATIC DP PROFIBUS RS485 configuration and associated parts before integration.

05 PRODUCT EVIDENCE

Siemens SIMATIC DP PROFIBUS RS485 applicable manufacturer data

AMIKON PRODUCT SUPPORT

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