SIMATIC DP PROFIBUS RS485

Product Data Sheet

6ES7972-0BA60-0XA0

FastConnect PROFIBUS Bus Connector

PROFIBUS DATA RATE	CABLE OUTLET ANGLE	STATION INTERFACE	BUS WIRE CONNECTIONS
9.6 kbit/s to 12 Mbit/s	**35°**	**9-pin D-sub male**	**4 insulation-piercing contacts, FC process cable excluded**

Siemens 6ES7972-0BA60-0XA0 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
Cable outlet angle	35°
Station interface	9-pin D-sub male
Bus wire connections	4 insulation-piercing contacts, FC process cable excluded
Permitted cable diameter	8 ± 0.5 mm
Bus termination	Integrated slide-switch resistor and disconnect function
End-device supply	4.75 to 5.25 V DC
Current input	5 mA maximum
Relative humidity	75% maximum at 25 deg C
Enclosure protection	IP20

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Programming-device socket	Not provided
Housing material	Plastic
Strain relief	Provided
Silicone content	Silicone-free
Transport and storage temperature	-40 to 70 deg C

03 DOCUMENTED USE SETTINGS

Water Supply and Wastewater Treatment Processes: Drinking Water Treatment.

Chemical Manufacturing and Industrial Material Processing: Industrial Chemical Manufacturing.

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

04 SYSTEM COMPATIBILITY

Match 6ES7972-0BA60-0XA0 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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