SIEMENS

Data sheet	6ES7972-0BB70-0XA0

Product type designation	**PROFIBUS bus connector, RS485, Fast Connect, with PG socket, 90°**
Product description	PROFIBUS bus connector, RS485, Fast Connect, with PG socket, 90°
	SIMATIC DP,BUS CONNECTOR FOR PROFIBUS UP TO 12 MBIT/S 90 DEGREE ANGLE CABLE OUTLET, 15,8 X 72,2 X 36,4 MM (WXHXD), IPCD TECHOLOGY FAST CONNECT, WITH PG SOCKET

Suitability for use	For connecting PROFIBUS nodes to the PROFIBUS bus cable

Transmission rate

Transfer rate / with PROFIBUS DP	9.6 kbit/s ... 12 Mbit/s

Interfaces

Number of electrical connections	
• for PROFIBUS cables	2
• for network components or terminal equipment	1
Type of electrical connection	
• for PROFIBUS cables	Integrated insulation displacement contacts for 2-core PB FC installation cables
• for network components or terminal equipment	Sub-D connector (9-pin)
Type of electrical connection / FastConnect	Yes

Mechanical data

Design of terminating resistor	Integrated resistor combination that can be selected with slide switch
Material / of the enclosure	plastic

Design, dimensions and weight

Type of cable outlet	90° cable outlet
Width	15.8 mm
Height	72 mm
Depth	36.4 mm

Net weight	10 g

Permitted ambient conditions

Ambient temperature	
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Protection class IP	IP20

Product properties, functions, components / general

Product property	
• silicon-free	Yes
Product component	
• PG connection socket	Yes
• strain relief	Yes

Standards, specifications, approvals

Certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes

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