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	9-pin Sub-D connector
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
Locking mechanism design	Screw

Design, dimensions and weight

Type of cable outlet	90 degree cable outlet
Width	15.8 mm
Height	72 mm
Depth	36.4 mm
Net weight	10 g

Permitted ambient conditions

Ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Protection class IP	IP20

Product properties, functions, components / general

Product feature	
• 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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