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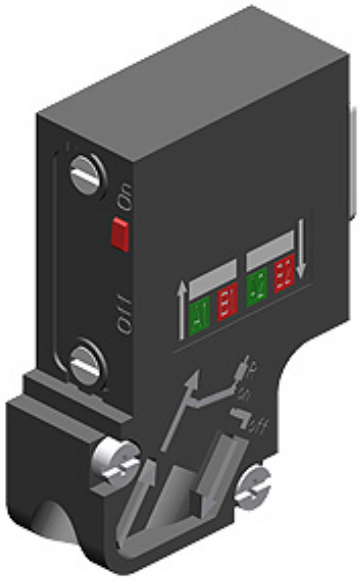
Data sheet 6ES7972-0BA61-0XA0

Product description	PROFIBUS bus connector, RS 485, Fast Connect, without PG socket, 35° SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 35 degree cable outlet, Insulation displacement method FastConnect, without PG socket 15.8x 54x 39.5 mm (BxHxD)



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

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Design, dimensions and weights	
Type of cable outlet	35 degree cable outlet
Width	15.8 mm
Height	54 mm
Depth	39.5 mm
Net weight	29 g

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

Product features, product functions, product components / general	
Product feature	
• silicon-free	Yes
Product component	
• PG connection socket	No
• strain relief	Yes

Standards, specifications, approvals	
Certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
Reference code	
• acc. to DIN EN 81346-2	XF

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