SIEMENS

Data sheet	6ES7972-0BB42-0XA0

Product type designation	**PROFIBUS bus connector, RS485, screw, with PG socket, 35°**
Product description	PROFIBUS bus connector, RS485, screw, mwith PG socket, 35° SIMATIC DP, BUS CONNECTOR FOR PROFIBUS UP TO 12 MBIT/S WITH TILTED CABLE OUTLET, 15,8 X 54 X 39,5 MM (WXHXD), TERMINAT. RESIST. WITH ISOLAT. FUNCTION, 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	Screw
Type of electrical connection / FastConnect	No
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	
Width	15.8 mm

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Height	54 mm
Depth	39.5 mm
Net weight	67 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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