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Data sheet 6ES7972-0BB12-0XA0

Product type designation
Product description

PROFIBUS bus connector, RS485, screw, with PG socket, 90°
PROFIBUS bus connector, RS485, srew, with PG socket, 90° SIMATIC DP, BUS CONNECTOR FOR PROFIBUS UP TO 12 MBIT/S 90 DEGREE ANGLE CABLE OUTLET, 15,8 X 64 X 35,6 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
• for network components or terminal equipment	Sub-D connector (9-pin)
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
Locking mechanism design	Screw

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Design, dimensions and weight	
Type of cable outlet	90° cable outlet
Width	15.8 mm
Height	64 mm
Depth	35.6 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

last modified: 10/12/2016

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