SIEMENS

Data sheet	6ES7972-0BB12-0XA0

Product description	PROFIBUS bus connector, RS 485, screw, with PG socket, 90° SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, 15.8x 64x 35.6 mm (WxHxD), terminating resistor with isolating function, With PG receptacle

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	Screw
• for network components or terminal equipment	9-pin Sub-D connector
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

Design, dimensions and weights	
Type of cable outlet	90 degree cable outlet

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Width	15.8 mm
Height	64 mm
Depth	35.6 mm
Net weight	10 g

Ambient conditions

Ambient temperature	
● during operation	0 °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	Yes
● 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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