SIEMENS

Data sheet	6ES7972-0BA12-0XA0

Product type designation	**PROFIBUS connector, 90°, w/o PG socket**
Product description	PROFIBUS bus connector, RS 485, screw, without 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, without PG socket

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

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	
Type of cable outlet	90 degree cable outlet

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

Ambient conditions

Ambient temperature	
• 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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