

## Data sheet

6ES7972-0BB70-0XA0

### Product description

PROFIBUS bus connector, RS 485, Fast Connect, with PG socket, 90°  
SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90°  
cable outlet, 15.8x 72.2x 36.4 mm (WxHxD), Insulation displacement  
method FastConnect, 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	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
Locking mechanism design	Screw

Design, dimensions and weights	
Type of cable outlet	90 degree cable outlet
Width	15.8 mm
Height	72 mm
Depth	36.4 mm
Net weight	10 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	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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