SIEMENS

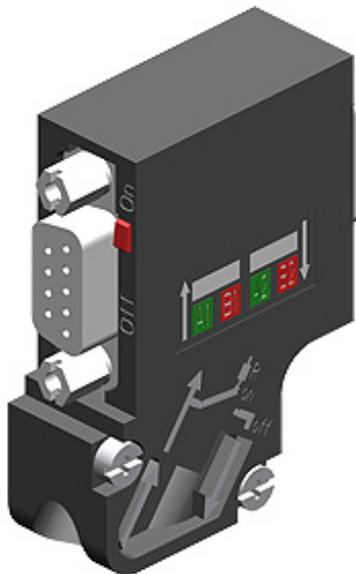| Data sheet	6ES7972-0BB61-0XA0

Product description	PROFIBUS bus connector, RS 485, Fast Connect, with PG socket, 35°
	SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 35 degree cable outlet, Insulation displacement method FastConnect, With PG receptacle 15.8x 54x 39.5 mm (BxHxD)

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	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

02/20/2020

Design, dimensions and weight

Type of cable outlet	35 degree cable outlet
Width	15.8 mm
Height	54 mm
Depth	39.5 mm
Net weight	34 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
last modified:	02/13/2020