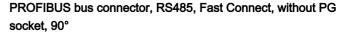
## **SIEMENS**

## **Data sheet**

6ES7972-0BA52-0XA0

## Product type designation

Product description



PROFIBUS bus connector, RS485, Fast Connect, without PG-socket, 90°

SIMATIC DP,BUS CONNECTOR FOR PROFIBUS UP TO 12 MBIT/S 90 DEGREE ANGLE CABLE OUTLET, IPCD TECHOLOGY FAST CONNECT, WITHOUT PG SOCKET 15,8 X 59 X 35,6 MM (WXHXD),



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	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 weight		
Type of cable outlet	90 degree cable outlet	
Width	15.8 mm	
Height	59 mm	
Depth	35.6 mm	
Net weight	10 g	
Permitted ambient conditions		
Ambient temperature		
<ul><li>during operation</li></ul>	-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		
<ul> <li>PG connection socket</li> </ul>	No	
• strain relief	Yes	
Standards, specifications, approvals		
Certificate of suitability		
<ul> <li>RoHS conformity</li> </ul>	Yes	
• UL approval	Yes	
last modified:	13.06.2016	