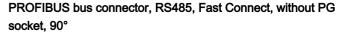
## **SIEMENS**

## **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

Transmission rate

For connecting PROFIBUS nodes to the PROFIBUS bus cable

Transfer rate / with PROFIBUS DP	9.6 kbit/s 12 Mbit/s
nterfaces	
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 are also are	-1
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	
Certificate of suitability  • RoHS conformity	Yes
	Yes Yes