SIEMENS

Data sheet 6ES7972-0BA60-0XA0

product type designation	**PROFIBUS connector**
product description	PROFIBUS bus connector, RS 485, Fast Connect, without programming port, 35°
	SPARE PART SIMATIC DP,BUS CONNECTOR FOR PROFIBUS UP TO 12 MBIT/S 35 DEGREE ANGLE CABLE OUTLET, IPCD TECHOLOGY FAST CONNECT, WITHOUT PG SOCKET 15,8 X 54 X 39,5 MM (WXHXD),
product brand name	SIMATIC
suitability for use	for connecting PROFIBUS stations 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 terminals 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	Resistor combination integrated and connectable via slide switch
material / of the enclosure	plastic
design, dimensions and weights	
type of cable outlet	35 degree cable outlet
width	15.8 mm
height	54 mm
depth	39.5 mm
net weight	29 g
ambient conditions	
ambient temperature	
● during operation	0 °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	No
● strain relief	Yes
standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes
● UL approval	Yes
further information / internet links	
internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
Approvals / Certificates	
General Product Approval	

Subject to change without notice
© Copyright Siemens

Manufacturer Declaration

Miscellaneous

General Product Approval		EMV	For use in hazardous locations		
Manufacturer Declaration	China RoHS			FM	

For use in hazardous locations		Maritime application	
FM			

last modified: 4/9/2025

Subject to change without notice
© Copyright Siemens