SIEMENS

Data sheet

6ES7972-0BA52-0XA0

Product description

PROFIBUS bus connector, RS 485, Fast Connect, without PG socket, 90°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, Insulation displacement method FastConnect, without PG socket 15.8x 59x 35.6 mm (BxHxD)



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	59 mm	
Depth	35.6 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 	No	
• 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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