SIEMENS

Data sheet

6ES7972-0BA30-0XA0

product type designation

product description



PROFIBUS plug, inclined

PROFIBUS bus connector, RS 485, Fast Connect, without programming port, 30°

SIMATIC DP, bus connection plug f. PROFIBUS w. inclined cable outlet, max. 1.5 Mbaud, insulation displacement method, 15x 57.6x 39.5 mm (WxHxD), without bus terminating resistor and programming device socket

suitability for use	for connecting PROFIBUS nodes to the PROFIBUS bus cable
transfer rate	
transfer rate / with PROFIBUS DP	9.6 kbit/s 1.5 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-wire 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	no integrated terminating resistor
material / of the enclosure	plastic
locking mechanism design	Screwed joint
design, dimensions and weights	
type of cable outlet	30 degree cable outlet
width	15 mm
height	57.6 mm
depth	39.5 mm
net weight	30 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	
 according to IEC 81346-2 	XF
further information / internet-Links	
Internet-Link	
 to website: Selection guide for cables and connectors 	https://sie.ag/2QdlxcP
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