SIEMENS

Data sheet   **6ES7972-0BA30-0XA0**

product type designation	PROFIBUS connector
product description	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 stations 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 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	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	XG

further information / internet-Links

Internet-Link	
● to website: Selection guide for cables and connectors	https://sie.ag/2QdlxcP

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