## SIEMENS

## Data sheet

## 6ES7972-0BA12-0XA0

product description



PROFIBUS bus connector, RS 485, screw, without programming port, 90° SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, 15.8x 64x 35.6 mm (WxHxD), terminating resistor with isolating function, without PG socket

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	
<ul> <li>for PROFIBUS cables</li> </ul>	2
<ul> <li>for network components or terminal equipment</li> </ul>	1
type of electrical connection	
<ul> <li>for PROFIBUS cables</li> </ul>	Screw
<ul> <li>for network components or terminal equipment</li> </ul>	9-pin sub D connector
type of electrical connection / FastConnect	No
mechanical data	
design of terminating resistor	Resistor combination integrated and connectable via slide switch
material / of the enclosure	plastic
locking mechanism design	Screwed joint
design, dimensions and weights	
type of cable outlet	90 degree cable outlet
width	15.8 mm
height	64 mm
depth	35.6 mm
net weight	36 g
ambient conditions	
ambient temperature	
during operation	-25 +60 °C
during storage	-40 +70 °C
<ul> <li>during transport</li> </ul>	-40 +70 °C
product features, product functions, product 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	
RoHS conformity	Yes
UL approval	Yes

reference code

• acc. to IEC 81346-2

last modified:

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