

## Data sheet

## 6ES7972-0BA30-0XA0

### product type designation

product description



### PROFIBUS connector

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

\*\*\* spare part \*\*\* SIMATIC DP, bus connection plug for PROFIBUS with inclined cable outlet, max. 1.5 Mbaud, insulation displacement termination 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
- during storage
- during transport

-25 ... +60 °C

-40 ... +70 °C

-40 ... +70 °C

protection class IP

IP20

### product features, product functions, product components / general

product feature

- silicon-free

Yes

product component

- PG connection socket
- strain relief

No

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
- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

- <https://support.industry.siemens.com/cs/ww/en/view/109766358>
- <https://www.siemens.com/tstcloud>
- <https://www.siemens.com/simatic-net>
- <https://sieportal.siemens.com>
- <https://www.automation.siemens.com/bilddb>
- <https://www.siemens.com/cax>
- <https://support.industry.siemens.com>

**security information**

security information

Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit [www.siemens.com/cybersecurity-industry](http://www.siemens.com/cybersecurity-industry). Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under <https://www.siemens.com/cert>. (V4.7)

**Approvals / Certificates**

**General Product Approval**



[Miscellaneous](#)

[Manufacturer Declaration](#)



**General Product Approval**

**EMV**

**For use in hazardous locations**



[EM](#)



[EM](#)

**For use in hazardous locations**

**Maritime application**



last modified:

3/10/2026

# TURLL

YOUR GLOBAL AUTOMATION PARTNER

## 6ES7972-0BA30-0XA0

OFFICIAL DATASHEET & QUOTATION

- 100% New & Original Factory Sealed
- Global Express Shipping (DHL/FedEx/UPS)
- 12-Month Warranty Protection
- Professional Technical Support

[CHECK STOCK & PRICE](#)



Need Assistance? Scan to Chat on WhatsApp

[sales@turl.com](mailto:sales@turl.com) | +852 6339 7344