

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 -25 ... +60 °C
- during storage -40 ... +70 °C
- during transport -40 ... +70 °C

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
• according to IEC 81346-2:2019	XGA

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>
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<https://www.siemens.com/cax>
<https://support.industry.siemens.com>

security information

security information

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Approvals / Certificates

General Product Approval

EMV



CCC



EG-Konf.



[Manufacturer Declaration](#)



RCM

For use in hazardous locations

Marine / Shipping



ATEX

FM



UL



IECEEx



LRS



PRIS

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