

Data sheet

6ES7972-0BB42-0XA0

product type designation

product description



PROFIBUS connector

PROFIBUS bus connector, RS 485, screw, with programming port, 35°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s with inclined cable outlet, 15.8x 54x 39.5 mm (WxHxD), terminating resistor with isolating function, With PG receptacle

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

- for PROFIBUS cables
- for network components or terminal equipment

2

1

type of electrical connection

- for PROFIBUS cables
- for network components or terminal equipment

Screw

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

35 degree cable outlet

width

15.8 mm

height

54 mm

depth

39.5 mm

net weight

34 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

Yes

Yes

standards, specifications, approvals

certificate of suitability

- RoHS conformity
- UL approval

Yes

Yes

reference code

further information / internet links

internet link

- to website: Image database
- to website: Industry Online Support

<https://www.automation.siemens.com/bilddb>
<https://support.industry.siemens.com>

security information

security information

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