

**product type designation**

product description

**PROFIBUS plug RS 485**

Bus connector with axial cable outlet (180°)

PROFIBUS bus connector with axial cable outlet for Industry PC, SIMATIC OP, OLM; transfer rate 12 Mbit/s; terminating resistor with isolating function, metal enclosure.



**suitability for use**

For connecting PROFIBUS nodes to the PROFIBUS bus cable

**transfer rate**

transfer rate / with PROFIBUS

9.6 kbit/s ... 12 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

Terminal blocks

- for network components or terminal equipment

Sub-D connector (9-pin)

type of electrical connection / FastConnect

No

**mechanical data**

design of terminating resistor

Integrated resistor combination that can be selected with slide switch. Disconnect function: When the resistor is connected, the outgoing bus is isolated.

material / of the enclosure

metal

locking mechanism design

Screwed joint

**design, dimensions and weights**

type of cable outlet

180° cable outlet

width

15 mm

height

57 mm

depth

39 mm

net weight

100 g

**ambient conditions**

ambient temperature

- during operation
- during storage
- during transport

0 ... 60 °C

-25 ... +80 °C

-25 ... +80 °C

relative humidity

- at 25 °C / without condensation / during operation / maximum

75 %

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	No
• cULus approval	No
• railway application in accordance with EN 50155	No

**further information / internet links**

internet link	
• to web page: selection aid TIA Selection Tool	<a href="http://www.siemens.com/tia-selection-tool">http://www.siemens.com/tia-selection-tool</a>
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Selection guide for cables and connectors	<a href="https://sie.ag/2QdlxcP">https://sie.ag/2QdlxcP</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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