

### 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
reference code	
• according to IEC 81346-2:2019	XGA





#### further information / internet links

internet link	
• to website: Selection guide for cables and connectors	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a>
• to web page: selection aid TIA Selection Tool	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>
• to website: Industrial communication	<a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a>
• to web page: SiePortal	<a href="https://sieportal.siemens.com">https://sieportal.siemens.com</a>
• to website: Image database	<a href="https://www.automation.siemens.com/bilddb">https://www.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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#### Approvals / Certificates

General Product Approval	Test Certificates	Marine / Shipping
<a href="#">Declaration of Conformity</a>  	<a href="#">Special Test Certificate</a>  	

#### Environment

<a href="#">Confirmation</a>
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