

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.



product brand name

SIMATIC NET

Technical Product Detail Page

<https://l.siemens.com/1P6GK1500-0EA02>

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 0 ... 60 °C
- during storage -25 ... +80 °C
- during transport -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 No
- strain relief 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 website: Selection guide for cables and connectors <https://support.industry.siemens.com/cs/ww/en/view/109766358>
 - to web page: selection aid TIA Selection Tool <https://www.siemens.com/tstcloud>
 - to website: Industrial communication <https://www.siemens.com/simatic-net>
 - to web page: SiePortal <https://sieportal.siemens.com>
 - to website: Image database <https://www.automation.siemens.com/bilddb>
 - to website: CAx-Download-Manager <https://www.siemens.com/cax>
 - to website: Industry Online Support <https://support.industry.siemens.com>

security information

security information

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Approvals / Certificates

General Product Approval

[Declaration of Conformity](#)



[Manufacturer Declaration](#)

[China RoHS](#)

General Product Approval

Test Certificates

Maritime application



[Special Test Certificate](#)



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