

Data sheet

6AG1500-0EA02-2AA0

Product type designation
Product description

SIPLUS NET PB bus connection
Bus connector with axial cable outlet (180°)
SIPLUS NET PB Connector for -25...+60°C and MED based on
6GK1500-0EA02



Suitability for use	For connecting PROFIBUS nodes to the PROFIBUS bus cable
Transmission 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

Design, dimensions and weight

Type of cable outlet	180° cable outlet
Width	15 mm
Height	57 mm
Depth	39 mm
Net weight	100 g

Permitted ambient conditions

Ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-25 ... +80 °C
• during transport	-25 ... +80 °C
Ambient condition / relating to ambient temperature - air pressure - installation altitude	-25 ... +60°C at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // -25 ... +50°C at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // -25 ... +40°C at 658 hPa ... 540 hPa (+3500 m ... +5000 m)
Relative humidity / with condensation / maximum	100 %
Resistance to biologically active substances / conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, Class 3B2 mold, fungus, and sponge spores (except fauna). The supplied plug covers must remain in place over the unused interfaces during operation!
Resistance to chemically active substances / conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, class 3C4 incl. salt spray according to EN 60068-2-52 (severity 3). The supplied plug covers must remain in place over the unused interfaces during operation!
Resistance to mechanically active substances / conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, Class 3S4 including sand, dust. The supplied plug covers must remain in place over the unused interfaces during operation!
Protection class IP	IP20

Product properties, functions, 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

Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com

- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

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

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