

product description

Bus connector with axial cable outlet (180°)

SIPLUS NET PB Connector based on 6GK1500-0EA02 with conformal coating, -25...+60 °C,



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

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

- in horizontal mounting position / during operation 70 ... -40 °C
- during storage and transport 70 ... -40 °C

installation altitude / at height above sea level / maximum 5000 m

ambient condition / relating to ambient temperature - air pressure - installation altitude Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax -20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m)

relative humidity

- with condensation / acc. to IEC 60068-2-38 / maximum 100 %; RH including condensation/frost (no commissioning when condensation is present), horizontal installation

resistance to biologically active substances

- conformity acc. to EN 60721-3-3 Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request
- conformity acc. to EN 60721-3-6 Yes; Class 6B2 mold, fungal and dry rot spores (excluding fauna)

resistance to chemically active substances

- conformity acc. to EN 60721-3-3 Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *

<ul style="list-style-type: none"> conformity acc. to EN 60721-3-6 	Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
resistance to mechanically active substances <ul style="list-style-type: none"> conformity acc. to EN 60721-3-3 conformity acc. to EN 60721-3-6 	Yes; Class 3S4 incl. sand, dust, * Yes; Class 6S3 incl. sand, dust; *
environmental category / acc. to IEC 60721 / note	* The supplied plug covers must remain in place over the unused interfaces during operation!
coating / for equipped printed circuit board / acc. to EN 61086	Yes; Class 2 for high availability
type of coating <ul style="list-style-type: none"> protection against pollution according to EN 60664-3 for electronic devices in railway applications acc. to EN 50155 	Yes; Type 1 protection Yes; protective coating of the Class PC2 according to EN 50155:2017
type of test / of the coating / acc. to MIL-I-46058C	Yes; Discoloration of coating possible during service life
product conformity / of the coating / Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies acc. to IPC-CC-830A	Yes; Conformal coating, Class A
protection class IP	IP20
product features, product functions, product components / general	
product feature <ul style="list-style-type: none"> silicon-free 	Yes
product component <ul style="list-style-type: none"> PG connection socket strain relief 	No Yes
standards, specifications, approvals	
certificate of suitability <ul style="list-style-type: none"> RoHS conformity UL approval 	Yes No
further information / internet-Links	
Internet-Link <ul style="list-style-type: none"> to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Selection guide for cables and connectors to website: Image database to website: CAx-Download-Manager to website: Industry Online Support 	http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter https://sie.ag/2QdlxcP http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com
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