

## Data sheet

6GK1500-0FC10

### Product type designation

Product description

### PROFIBUS FC bus connector RS 485

Bus connector with axial cable outlet (180°)  
PROFIBUS FC RS 485 plug 180 PROFIBUS connector with  
FastConnect connection plug and axial cable outlet for Industry PC,  
SIMATIC OP, OLM, Transfer rate: 12 Mbit/s, terminating resistor with  
isolating function, Plastic 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
- for network components or terminal equipment

2  
1

Type of electrical connection

- for PROFIBUS cables
- for network components or terminal equipment

Integrated insulation displacement contacts for 2-core PB FC  
installation cables  
Sub-D connector (9-pin)

Type of electrical connection / FastConnect

Yes

### 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

plastic

|  |   |
|--|---|
| Locking mechanism design   | Screw   |
| <b>Design, dimensions and weight</b>                                     |   |
| Type of cable outlet   | 180° cable outlet   |
| Width  | 16 mm   |
| Height   | 62 mm   |
| Depth  | 34.5 mm   |
| Net weight   | 40 g  |
| <b>Ambient conditions</b>  |   |
| Ambient temperature  |   |
| • during operation   | -40 ... +70 °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  |
| <b>Product features, product functions, product components / general</b> |   |
| Product feature  |   |
| • silicon-free   | Yes   |
| Product component  |   |
| • PG connection socket   | No  |
| • strain relief  | Yes   |
| <b>Standards, specifications, approvals</b>                              |   |
| Certificate of suitability   |   |
| • RoHS conformity  | Yes   |
| • UL approval  | Yes   |
| • cULus approval   | Yes   |
| • Railway application in accordance with EN 50155                        | No  |
| <b>Further information / Internet-Links</b>                              |   |
| Internet-Link  |   |
| • to website: Selector SIMATIC NET SELECTION TOOL                        | <a href="http://www.siemens.com/snst">http://www.siemens.com/snst</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: 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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