SIEMENS

## Data sheet 6GK1900-1GB00-0AC0

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| **product type designation** | **FC FO BFOC Plug** |
| product description | ST/BFOC plug-in connector for FastConnect assembly |
| | FC FO BFOC plug for on-site assembly to FC FOC cables (62.5/200/230) Pack: 20 units + cleaning cloths. |



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| Technical Product Detail Page | https://i.siemens.com/1P6GK1900-1GB00-0AC0 |
| suitability for use | For connecting glass fiber-optic cables, suitable for fast assembly with the FastConnect FO system |
| **transfer rate** | |
| transfer rate / for Industrial Ethernet | 10, 100, 1000 Mbit/s |
| transfer rate / with PROFIBUS | 9.6 kbit/s ... 12 Mbit/s |
| **interfaces** | |
| number of optical interfaces / for fiber optic cable | 1 |
| design of the optical interface / for network components or terminal equipment | BFOC connector |
| type of electrical connection / FastConnect | Yes |
| **mechanical data** | |
| material / of the enclosure | Metal and plastic |
| locking mechanism design | Bayonet |
| **design, dimensions and weights** | |
| type of cable outlet | 180° cable outlet |
| width | 10 mm |
| height | 10 mm |
| depth | 22 mm |
| net weight | 9 g |
| **ambient conditions** | |
| ambient temperature | |
| ● during operation | -40 ... +85 °C |
| ● during storage | -40 ... +85 °C |
| ● during transport | -40 ... +85 °C |
| relative humidity | |
| ● at 25 °C / without condensation / during operation / maximum | 95 % |
| protection class IP | IP20 |
| **product features, product functions, product components / general** | |
| product feature | |
| ● silicon-free | Yes |
| product component | |
| ● strain relief | Yes |
| **standards, specifications, approvals** | |
| certificate of suitability | |
| ● RoHS conformity | Yes |
| ● UL approval | No |


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|---|---|
| ● railway application in accordance with EN 50155 | No |

| **further information / internet links** | |
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| 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** | |
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| security information | Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7) |

**Approvals / Certificates**

**General Product Approval**

Declaration of Conformity | CCC | EAC | Manufacturer Declaration | CE EG-Konf. | China RoHS

**last modified:** 10/30/2025


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