SIEMENS

## Data sheet 6AG1992-1AL00-7AA0

**product type designation**

**SFP992-1**

SIPLUS NET SCALANCE X SFP992-1 based on 6GK5992-1AL00-8AA0 with conformal coating, -40…+85 °C, SCALANCE X accessory; SFP992-1 1x 1000 Mbit/s LC port, optical; multimode optical up to max. 750 m



Figure similar

| | |
|---|---|
| product brand name | SIPLUS |
| Technical Product Detail Page | https://www.siemes.plc.com/?s=6AG1992-1AL00-7AA0 |
| **interfaces** | |
| number of electrical/optical connections / for network components or terminal equipment / maximum | 1 |
| number of optical interfaces / for network components or terminal equipment / maximum | 1 |
| number of 1000 Mbit/s LC ports / for multimode / integrated | 1 |
| design of the optical interface / for network components or terminal equipment | LC |
| wavelength / of the optical interface | 850 nm; Multi-mode |
| connectable optical power relative to 1 mW | |
| ● of the transmitter output / minimum | -9.5 dB |
| ● of the transmitter output / maximum | -2.5 dB |
| ● of the receiver input / maximum | -3 dB |
| optical sensitivity relating to 1 mW / of the receiver input / minimum | -17 dB |
| attenuation factor / of the FOC transmission link / minimum necessary | 0 dB |
| range / at the optical interface / depending on the optical fiber used | 0.35 ... 0.75 km |
| transmission method / for connection type 1 | 1000BASE-SX |
| **ambient conditions** | |
| ambient temperature | |
| ● during operation | -40 ... +85 °C |
| ● during storage | -40 ... +85 °C |
| ● during transport | -40 ... +85 °C |
| ● note | A maximum operating temperature of +85 °C is permissible for a duration of 16 hours |
| protection class IP | IP20 |
| **design, dimensions and weights** | |
| design | SFP Module |
| width | 14 mm |
| height | 9 mm |
| depth | 57 mm |
| net weight | 0.01 kg |
| fastening method | latched |
| **standards, specifications, approvals** | |
| standard | |


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| ● for emitted interference | EN 61000-6-4:2007 (Class A) |
| ● for interference immunity | EN 61000-6-2:2005 |
| certificate of suitability | EN 61000-6-2:2005, EN 61000-6-4:2007 |
| ● CE marking | Yes |
| MTBF | 670 a |

**further information / internet links**

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|---|---|
| internet link | |
| ● to website: Selection guide for cables and connectors | https://www.siemens.plc.com/?s=6AG1992-1AL00-7AA0 |
| ● to web page: selection aid TIA Selection Tool | https://www.siemens.plc.com/?s=6AG1992-1AL00-7AA0 |
| ● to website: Industrial communication | https://www.siemens.plc.com/?s=6AG1992-1AL00-7AA0 |
| ● to web page: SiePortal | https://www.siemens.plc.com/?s=6AG1992-1AL00-7AA0 |
| ● to website: Image database | https://www.siemens.plc.com/?s=6AG1992-1AL00-7AA0 |
| ● to website: CAx-Download-Manager | https://www.siemens.plc.com/?s=6AG1992-1AL00-7AA0 |
| ● to website: Industry Online Support | https://www.siemens.plc.com/?s=6AG1992-1AL00-7AA0 |

**security information**

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**Approvals / Certificates**

**General Product Approval**

Manufacturer Declaration | UKCA | CE EG-Konf. | China RoHS | EAC | China RoHS

| General Product Approval | EMV |
|---|---|

CE EG-Konf. | UKCA | RCM

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