SIEMENS

## Data sheet 6GK6050-0RL20-0CR1

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| | Line module 4x 1000LX Singlemode, 1310nm, LC, 10km |
| Technical Product Detail Page | https://i.siemens.com/1P6GK6050-0RL20-0CR1 |
| suitability for operation | MX5000RE |
| **interfaces** | |
| number of electrical/optical connections / for network components or terminal equipment / maximum | 4 |
| number of optical interfaces / for network components or terminal equipment / maximum | 4 |
| number of 1000 Mbit/s LC ports / for single mode (LD) / integrated | 4 |
| number of 1000 Mbit/s LC ports / for multimode / integrated | 4 |
| **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 |
| relative humidity / at 25 °C / without condensation / during operation / maximum | 95 % |
| protection class IP | IP40 |
| **design, dimensions and weights** | |
| design | Media module |
| width | 40 mm |
| height | 180 mm |
| depth | 240 mm |
| net weight | 1 kg |
| product feature / conformal coating | Yes |
| fastening method | screwed |
| ● installation in media module slot | Yes |
| **standards, specifications, approvals** | |
| standard | |
| ● for EMC | FCC Part 15 (Class A), EN55022 (CISPR22 Class A) |
| ● for safety / from CSA and UL | UL 60950-1, CSA C22.2 No. 60950-7 |
| ● for hazardous zone / from CSA and UL | Hazardous Locations: Class 1 Division 2 |
| ● for emitted interference | EN 61000-6-4 (Class A) |
| ● for interference immunity | EN 61000-6-2 |
| certificate of suitability | EN 61000-6-2, EN 61000-6-10 |
| ● CE marking | Yes |
| ● C-Tick | No |
| ● KC approval | No |
| ● E1 approval | No |
| ● railway application in accordance with EN 50155 | Yes |
| ● railway application in accordance with EN 50124-1 | Yes |
| ● IEC 61850-3 | Yes |
| **further information / internet links** | |
| internet link | |
| ● to website: Selection guide for cables and connectors | https://support.industry.siemens.com/cs/ww/en/view/109766358 |
| ● to website: Industry Mall/RUGGEDCOM selector | https://www.siemens.com/ruggedcom-selector |
| ● to website: Industrial communication | https://www.siemens.com/simatic-net |
| ● to website: Siemens RUGGEDCOM | https://www.siemens.com/ruggedcom |
| ● to web page: SiePortal | https://sieportal.siemens.com/ |


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| ● 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 | | Test Certificates | other | | Environment |
|---|---|---|---|---|---|
| Manufacturer Declaration | CE EG-Konf. | CB CB | Miscellaneous | inspection certificate | EPD |

**last modified:** 11/14/2025


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