SIEMENS

Data sheet 6GK6050-0RL20-0BK1

	Line module 4x 1000SX Multimode, 850nm, LC, 500m
Technical Product Detail Page	https://i.siemens.com/1P6GK6050-0RL20-0BK1
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 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/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax

Subject to change without notice
© Copyright Siemens

● to website: Industry Online Support	https://support.industry.siemens.com

security information

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 EG-Konf.	CB CB	inspection certificate	EPD

last modified: 11/14/2025

Subject to change without notice
© Copyright Siemens