SIEMENS

Product type designation	RUGGEDCOM MX5000PN LM M4FG05
	LINE MODULE 4X 1000LX SINGLEMODE, 1310NM, LC, 25KM
Suitability for operation	MX5000

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

Permitted ambient conditions

Ambient temperature	
• during operation	-40 ... +85 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
• Note	A maximum ambient 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 weight

Design	Media module
Width	40 mm
Height	180 mm
Depth	240 mm
Net weight	1 kg
Coating	Conformal Coating
Mounting type	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: Industry Mall/RUGGEDCOM selector	http://ruggedcom-selector.automation.siemens.com
● to website: Siemens RUGGEDCOM	http://siemens.com/ruggedcom
● to website: Selector for cables and connectors	http://www.siemens.com/snst
● to website: Industrial communication	http://www.siemens.com/simatic-net
● to website: Industry Mall	https://mall.industry.siemens.com
● to website: Information and Download Center	http://www.siemens.com/automation/net/catalog
● to website: Image database	http://automation.siemens.com/bilddb
● to website: CAx Download Manager	http://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

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