

Product type designation	RUGGEDCOM Media Module FG03 Media Module for RUGGEDCOM RSG2100, RSG2100P, RSG2200, RSG2288, RSG2300 and RSG2300P, 2 x 1000MBit/s LC-interface, Optical: 1000BASE-LX, Single Mode fiber optic up to 10 kilometer, 1300nm (FG03). Requires the in-field modification kit, 6GK6000-1BC50-0AA1.
Suitability for operation	RSG2100
Interfaces	
Number of electrical/optical connections / for network components or terminal equipment / maximum	2
Number of optical interfaces / for network components or terminal equipment / maximum	2
Number of 1000 Mbit/s LC ports / for multimode / Integrated	2
Design of the optical interface / for network components or terminal equipment	LC
Range / at the optical interface / depending on the optical fiber used	10 km
Ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport Note 	-40 ... +85 °C -40 ... +85 °C -40 ... +85 °C 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 (when installed)
Design, dimensions and weights	
Design	Media module
Product feature / conformal coating	No
Mounting type	screwed
<ul style="list-style-type: none"> Installation in media module slot 	Yes
Standards, specifications, approvals	
Standard	
<ul style="list-style-type: none"> for EMC for safety / from CSA and UL for hazardous zone / from CSA and UL 	FCC Part 15 (Class A), EN55022 (CISPR22 Class A) UL 60950-1, CSA C22.2 No. 60950-7 Hazardous Locations: Class 1 Division 2

<ul style="list-style-type: none"> • for emitted interference • for interference immunity 	EN 61000-6-4 (Class A) EN 61000-6-2
Laser protection class	Complies with 21 CFR chapter 1, subchapter J
Certificate of suitability	EN 61000-6-2, EN 61000-6-10
<ul style="list-style-type: none"> • CE marking • C-Tick • KC approval • E1 approval • IEC 61850-3 	Yes No No No Yes

Further information / Internet-Links

Internet-Link	
<ul style="list-style-type: none"> • to website: Industry Mall/RUGGEDCOM selector • to website: Siemens RUGGEDCOM • to website: Selector for cables and connectors • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx Download Manager • to website: Industry Online Support 	http://ruggedcom-selector.automation.siemens.com http://siemens.com/ruggedcom http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

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