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Show actual product details

Data sheet 6GK5993-1AU00-8AA0

Product type designation

SFP993-1LD

SCALANCE X ACCESSORIES; SFP993-1LD; 1 X 10000MBIT/S LC-PORT, OPTICAL; SINGLEMODE GLASS UPTO MAX. 10KM



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 10 Gbit/s LC ports (LX)	1
Design of the optical interface / for network components or terminal equipment	LC
Wavelength / of the optical interface	1310 nm; Single-mode
Connectable optical power relative to 1 mW	
• of the transmitter output / minimum	-8.2 dB
• of the transmitter output / maximum	0.5 dB
• of the receiver input / maximum	0.5 dB
Optical sensitivity relating to 1 mW / of the receiver input / minimum	-12.6 dB
Damping ratio / of the FOC transmission link / minimum necessary	0 dB
Range / at the optical interface / depending on the optical fiber used	0 ... 10 km

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Permitted ambient conditions	
Ambient temperature	
• during operation	0 ... 60 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

Design, dimensions and weight	
Design	SFP Module
Width	13.7 mm
Height	11.9 mm
Depth	56.5 mm
Net weight	0.01 kg
Mounting type	latched

Standards, specifications, approvals	
Standard	
• for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-9
• for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
Certificate of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007
• CE marking	Yes
• C-Tick	Yes
• KC approval	No
• E1 approval	No

Further Information / Internet Links	
Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	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/industry/infocenter
• 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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