

product type designation



SFP992-1BXMR

SCALANCE X accessory; Plug-in transceiver SFP992-1BXMR; 1x 1000 Mbit/s LC port, optical; multimode optical up to max. 500 m BiDi Receive 1310nm/1550nm.

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 1000 Mbit/s LC ports / for multimode / integrated	1
design of the optical interface / for network components or terminal equipment	LC
wavelength / of the optical interface • as transmitter • as receiver	1310 nm; Multi-mode 1310 nm 1550 nm
connectable optical power relative to 1 mW • of the transmitter output / minimum • of the transmitter output / maximum • of the receiver input / maximum	-10 dB -4 dB -3 dB
optical sensitivity relating to 1 mW / of the receiver input / minimum	-17 dB
attenuation factor / of the FOC transmission link / minimum necessary	0 dB
range / at the optical interface / depending on the optical fiber used	0 ... 0.5 km
transmission method / for connection type 1	1000BASE-BX
ambient conditions	
ambient temperature • during operation • during storage • during transport	-40 ... +85 °C -40 ... +85 °C -40 ... +85 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP20
design, dimensions and weights	
design	SFP Module
width	14 mm
height	9 mm
depth	57 mm
net weight	0.01 kg
• fastening method	latched
standards, specifications, approvals	
standard • for hazardous zone	EN 60079-0: 2011, EN60079-15: 2010, II 3 G Ex nA II T4, KEMA 07 ATEX

• for safety / from CSA and UL • for emitted interference • for interference immunity	0145 X UL 60950-1, CSA C22.2 No. 60950-1-03 EN 61000-6-4:2007 (Class A) EN 61000-6-2:2005
certificate of suitability • CE marking • C-Tick • KC approval • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking	EN 61000-6-2:2005, EN 61000-6-4:2007 Yes Yes No Yes; GB3836.1, GB3836.8 Ex nA IIC T4 Gc
MTBF	340 a

further information / internet links

internet link • to web page: selection aid TIA Selection Tool • 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://www.siemens.com/tia-selection-tool 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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Approvals / Certificates

General Product Approval


[Manufacturer Declaration](#)

[Declaration of Conformity](#)





EG-Konf.



RCM

For use in hazardous locations



IECEX



ATEX

[FM](#)

[CCC-Ex](#)