

Product type designation

SFP992-1BXMT

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



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	Multi-mode
Connectable optical power relative to 1 mW <ul style="list-style-type: none"> • 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
Damping ratio / of the FOC transmission link / minimum necessary	0 dB

Range / at the optical interface / depending on the optical fiber used	0 ... 0.5 km
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Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation 	-40 ... +85 °C
<ul style="list-style-type: none"> during storage 	-40 ... +85 °C
<ul style="list-style-type: none"> during transport 	-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
Mounting type	latched

Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> for safety / from CSA and UL 	UL 60950-1, CSA C22.2 No. 60950-1-03
<ul style="list-style-type: none"> for emitted interference 	EN 61000-6-4:2007 (Class A)
<ul style="list-style-type: none"> for interference immunity 	EN 61000-6-2:2005
Certificate of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007
<ul style="list-style-type: none"> CE marking 	Yes
<ul style="list-style-type: none"> C-Tick 	Yes
<ul style="list-style-type: none"> KC approval 	No
MTBF	340 y

Further information / Internet-Links

Internet-Link	
<ul style="list-style-type: none"> to website: Selector SIMATIC NET SELECTION TOOL 	http://www.siemens.com/snst
<ul style="list-style-type: none"> to website: Industrial communication 	http://www.siemens.com/simatic-net
<ul style="list-style-type: none"> to website: Industry Mall 	https://mall.industry.siemens.com
<ul style="list-style-type: none"> to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
<ul style="list-style-type: none"> to website: Image database 	http://automation.siemens.com/bilddb
<ul style="list-style-type: none"> to website: CAx Download Manager 	http://www.siemens.com/cax
<ul style="list-style-type: none"> to website: Industry Online Support 	https://support.industry.siemens.com

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