

product type designation

SFP992-1+

SCALANCE X accessory; Plug-in transceiver SFP992-1+; 1x 1000 Mbit/s LC port, optical; multimode optical up to max. 2000 m.



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	1310 nm; 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 	-9 dB -1 dB -1 dB
optical sensitivity relating to 1 mW / of the receiver input / minimum	-19 dB
attenuation factor / of the FOC transmission link / minimum necessary	0 dB
range / at the optical interface / depending on the optical fiber used	1 ... 2 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	IP20
design, dimensions and weights	
design	Plug-in transceiver
width	14 mm
height	9 mm
depth	57 mm
net weight	0.02 kg
fastening method	latched
standards, specifications, approvals	
standard <ul style="list-style-type: none"> • for FM 	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2,

<ul style="list-style-type: none"> • for hazardous zone • for safety / from CSA and UL • for emitted interference • for interference immunity 	Group IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 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 <ul style="list-style-type: none"> • CE marking • C-Tick • KC approval • CCC / for hazardous zone according to GB standard 	EN 61000-6-2:2005, EN 61000-6-4:2007 Yes Yes No Yes

further information / internet-Links

Internet-Link <ul style="list-style-type: none"> • 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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