

product type designation



Figure similar

B-SFP992-1LD

SCALANCE X accessory; basic plug-in transceiver B-SFP992-1LD; 1x 1000 Mbps LC port, optical; single-mode glass up to max. 10 km.

product brand name

SCALANCE

Technical Product Detail Page

<https://i.siemens.com/1P6GK5992-1AM01-8AA0>

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 single mode (LD) / integrated	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	-9 dB
• of the transmitter output / maximum	-1 dB
• of the receiver input / maximum	-3 dB
optical sensitivity relating to 1 mW / of the receiver input / minimum	-21 dB
attenuation factor / of the FOC transmission link / minimum necessary	0 dB
range / at the optical interface / depending on the optical fiber used	10 km
transmission method / for connection type 1	1000Base-LX

ambient conditions

ambient temperature	
• during operation	-10 ... +85 °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 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 safety / from CSA and UL • for emitted interference • for interference immunity	UL 62368-1 and CAN/CSA C22.2 No. 62368-1:19 EN 61000-6-4 (Class A) EN 61000-6-2
certificate of suitability	• CE marking • C-Tick • KC approval	EN 61000-6-2:2005, EN 61000-6-4:2007 Yes Yes Yes
MTBF		280 a
further information / internet links		
internet link	• to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAX-Download-Manager • to website: Industry Online Support	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/simatic-net https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
security information		
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