

Product-type designation

SFP992-1ELH

SCALANCE X ACCESSORY,
SFP992-1ELH 1 X 1000MBIT/S LC-PORT,
OPTICAL SINGLEMODE GLASS UP TO MAX. 120 KM



Transmission rate

Transfer rate / 1 1000 Mbit/s

Interfaces

Number of electrical/optical connections / for network components or terminal equipment / maximum	1
Number of optical interfaces / for optical waveguide	
• at 1000 Mbit/s	1
Design of optical interface / for optical waveguide	
• at 1000 Mbit/s	LC port (singlemode up to 120 km)
Connectable optical power relative to 1 mW	
• of the transmitter output	0 ... 5 dB
• of the receiver input / maximum	-8 dB
Optical sensitivity relative to 1 mW / of the receiver input / minimum	-32 dB
Attenuation / of fiber-optic cable transmission link / minimum necessary	8 dB
Range / at the optical interface / depending on the optical fiber used	37 ... 120 km

Permitted ambient conditions

Ambient temperature	
• during operating	-40 ... +85 °C
• during storage	-40 ... +85 °C

during transport	-40 ... +85 °C
Relative humidity / at 25 °C / without condensation / during operating / 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
Type of mounting	
Installation in media module slot	No
Standards, specifications, approvals	
Standard	
for EMC / from FM	FM3611: Class 1, Division 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
for hazardous zone	EN 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
for safety / of CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1-03
for emitted interference	EN 61000-6-4:2007 (Class A)
for interference immunity	EN 61000-6-2:2005
Verification of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007
CE mark	Yes
C-Tick	Yes
KC approval	No
letzte Änderung:	May 28, 2012