

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	1
• at 1000 Mbit/s	
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

<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> Installation in media module slot 	No
Standards, specifications, approvals	
Standard	
<ul style="list-style-type: none"> for EMC / from FM 	FM3611: Class 1, Division 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
<ul style="list-style-type: none"> for hazardous zone 	EN 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
<ul style="list-style-type: none"> for safety / of 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
Verification of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007
<ul style="list-style-type: none"> CE mark 	Yes
<ul style="list-style-type: none"> C-Tick 	Yes
<ul style="list-style-type: none"> KC approval 	No
letzte Änderung:	May 28, 2012