

Product-type designation

SFP991-1ELH200



SCALANCE X ACCESSORIES,
SFP991-1ELH200 1 X 100MBIT/S LC-PORT OPTICAL
SINGLE MODE GLASS UP TO MAX. 200 KM

Interfaces

Number of electrical/optical connections / for network components or terminal equipment / maximum	1
Number of 100 Mbit/s LC ports	1
Design of optical connections / for network components or terminal devices	LC
Connectable optical power relative to 1 mW	
• of the transmitter output	1 ... 5 dB
• of the receiver input / maximum	-9 dB
Optical sensitivity relative to 1 mW / of the receiver input / minimum	-42 dB
Attenuation / of fiber-optic cable transmission link / minimum necessary	14 dB
Range / at the optical interface / depending on the optical fiber used	61 ... 200 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
Mounting type	Latched

Standards, specifications, approvals

Standard	
<ul style="list-style-type: none">• for EMC / from FM	FM3611: Class 1, Divison 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, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X
<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

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none">• to website: Industry Mall	http://www.siemens.com/industrial-controls/mall
<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: Information and Download Center	http://www.siemens.com/automation/net/catalog
<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	http://support.automation.siemens.com

letzte Änderung:

Aug 6, 2014