

Data sheet

6GK5992-1AM00-8FA0

SCALANCE X accessory; Plug-in transceiver SFP992-1LD; 1x 1000 Mbit/s LC port, with conformal coating; optical; single-mode optical up to max. 10 km .



Technical Product Detail Page

<https://i.siemens.com/1P6GK5992-1AM00-8FA0>

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 <ul style="list-style-type: none"> • of the transmitter output / minimum • of the transmitter output / maximum • of the receiver input / maximum 	-9.5 dB -3 dB -3 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	0 ... 10 km
transmission method / for connection type 1	1000BASE-LX
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	SFP Module
width	14 mm
height	9 mm
depth	57 mm
net weight	0.02 kg
product feature / conformal coating	Yes
fastening method	latched
standards, specifications, approvals	

standard	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X UL 62368-1 and CAN/CSA C22.2 No. 62368-1:19 EN 61000-6-4:2007 (Class A) EN 61000-6-2:2005								
certificate of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007 Yes Yes No Yes; GB3836.1, GB3836.8 Ex nA IIC T4 Gc								
MTBF	600 a								
standards, specifications, approvals / Environmental Product Declaration									
Environmental Product Declaration	Yes								
global warming potential [CO2 eq]	<table> <tr> <td>• total</td><td>12.91 kg</td></tr> <tr> <td>• during manufacturing</td><td>1.7 kg</td></tr> <tr> <td>• during operation</td><td>11.2 kg</td></tr> <tr> <td>• after end of life</td><td>0.01 kg</td></tr> </table>	• total	12.91 kg	• during manufacturing	1.7 kg	• during operation	11.2 kg	• after end of life	0.01 kg
• total	12.91 kg								
• during manufacturing	1.7 kg								
• during operation	11.2 kg								
• after end of life	0.01 kg								
further information / internet links									
internet link	<ul style="list-style-type: none"> 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 <p>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</p>								
security information									
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Approvals / Certificates

General Product Approval

[Declaration of Conformity](#)



[China RoHS](#)



For use in hazardous locations

Environment



[FM](#)

[CCC-Ex](#)



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