

### product type designation



### SIPLUS NET SCALANCE X SFP992-1LD

SIPLUS NET SCALANCE X SFP992-1LD based on 6GK5992-1AM00-8AA0 with conformal coating, -40...+85 °C, SCALANCE X accessory; plug-in transceiver SFP992-1LD; 1x 1000 Mbps LC port, optical; single-mode optical up to max. 10 km

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"> <li>of the transmitter output / minimum</li> <li>of the transmitter output / maximum</li> <li>of the receiver input / maximum</li> </ul>	-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
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>note</li> </ul>	-40 ... +85 °C -40 ... +85 °C -40 ... +85 °C A maximum operating temperature of +85 °C is permissible for a duration of 16 hours
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	
<ul style="list-style-type: none"> <li>for emitted interference</li> <li>for interference immunity</li> </ul>	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
<ul style="list-style-type: none"> <li>CE marking</li> </ul>	Yes

MTBF	600 a
<b>further information / internet links</b>	
internet link	
<ul style="list-style-type: none"><li>• to web page: selection aid TIA Selection Tool</li><li>• to website: Industrial communication</li><li>• to website: Industry Mall</li><li>• to website: Information and Download Center</li><li>• to website: Image database</li><li>• to website: CAX-Download-Manager</li><li>• to website: Industry Online Support</li></ul>	<ul style="list-style-type: none"><li><a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a></li><li><a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a></li><li><a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a></li><li><a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a></li><li><a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a></li><li><a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a></li><li><a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a></li></ul>
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