



SCALANCE X accessory; Plug-in transceiver SFP992-1; 1x 1000 Mbit/s LC port; With conformal coating; optical; multimode glass up to max. 750 m

| 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 multimode / integrated   | 1   |
| design of the optical interface / for network components or terminal equipment  | LC  |
| wavelength / of the optical interface   | 850 nm; Multi-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<br>-2.5 dB<br>-3 dB   |
| optical sensitivity relating to 1 mW / of the receiver input / minimum  | -17 dB  |
| attenuation factor / of the FOC transmission link / minimum necessary   | 0 dB  |
| range / at the optical interface / depending on the optical fiber used  | 0 ... 0.75 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<br>-40 ... +85 °C<br>-40 ... +85 °C<br>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  | 0.01 kg   |
| fastening method  | latched   |
| standards, specifications, approvals  |   |
| standard  |   |
| <ul style="list-style-type: none"> <li>for hazardous zone</li> </ul>  | EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07   |

|   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• for safety / from CSA and UL</li> <li>• for emitted interference</li> <li>• for interference immunity</li> </ul> | ATEX 0145 X<br>UL 60950-1, CSA C22.2 No. 60950-1-03<br>EN 61000-6-4:2007 (Class A)<br>EN 61000-6-2:2005 |
| certificate of suitability <ul style="list-style-type: none"> <li>• CE marking</li> <li>• C-Tick</li> <li>• KC approval</li> </ul>                        | EN 61000-6-2:2005, EN 61000-6-4:2007<br>Yes<br>Yes<br>No  |
| MTBF  | 670 y   |

**further information / internet-Links**

|  |   |
|--|---|
| 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> | <a href="http://www.siemens.com/tia-selection-tool">http://www.siemens.com/tia-selection-tool</a><br><a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a><br><a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a><br><a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a><br><a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a><br><a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a><br><a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a> |
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