

### Product type designation

### MM992-4LD

SCALANCE X ACCESSORIES; MEDIA MODULE MM992-4LD; 4 X 1000MBIT/S SC-PORTS, OPTICAL; SINGLEMODE GLASS UPTO MAX. 10KM



### Interfaces

Number of electrical/optical connections / for network components or terminal equipment / maximum	4
Number of optical interfaces / for network components or terminal equipment / maximum	4
Number of 1000 Mbit/s SC ports (LX)	4
Design of the optical interface / for network components or terminal equipment	SC
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>	<p>-9.5 dB</p> <p>-3 dB</p> <p>-3 dB</p>
Optical sensitivity relating to 1 mW / of the receiver input / minimum	-21 dB
Damping ratio / of the FOC transmission link / minimum necessary	0 dB
Range / at the optical interface / depending on the optical fiber used	0 ... 10 km

## Permitted ambient conditions

Ambient temperature	
• during operation	0 ... 60 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

## Design, dimensions and weight

Design	Media module
Width	120.3 mm
Height	22.3 mm
Depth	275.5 mm
Net weight	0.3 kg
Mounting type	latched
• Installation in media module slot	Yes

## Standards, specifications, approvals

Standard	
• for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-2
• for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
Certificate of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007
• CE marking	Yes
• C-Tick	Yes
• KC approval	Yes
• E1 approval	No

## Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx Download Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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