

Product type designation

MM992-4LD

SCALANCE X accessory; Media module MM992-4LD; 4x 1000 Mbit/s SC-ports, optical; single-mode optical up to max. 10 km



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	
• of the transmitter output / minimum	-9.5 dB
• of the transmitter output / maximum	-3 dB
• of the receiver input / maximum	-3 dB
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

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	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
Marine classification association	
• Bureau Veritas (BV)	Yes

Further information / Internet-Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
last modified:	11/19/2019