

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
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	
• 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 weights

design	Media module
width	120.3 mm
height	22.3 mm
depth	275.5 mm
net weight	0.3 kg
fastening method	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
- C-Tick
- KC approval
- CCC / for hazardous zone according to GB standard
- E1 approval

Yes
Yes
Yes
Yes
No

Marine classification association

- French marine classification society (BV)

Yes

further information / internet-Links

Internet-Link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<http://www.siemens.com/tia-selection-tool>
<http://www.siemens.com/simatic-net>
<https://mall.industry.siemens.com>
<http://www.siemens.com/industry/infocenter>
<http://automation.siemens.com/bilddb>
<http://www.siemens.com/cax>
<https://support.industry.siemens.com>

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