


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

<ul style="list-style-type: none"> • CE marking • C-Tick • KC approval • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking • E1 approval 	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Ex nA IIC T4 Gc</p> <p>No</p>
<p>Marine classification association</p> <ul style="list-style-type: none"> • French marine classification society (BV) 	<p>Yes</p>
<p>further information / internet links</p>	
<p>internet link</p> <ul style="list-style-type: none"> • 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 	<p>http://www.siemens.com/tia-selection-tool</p> <p>http://www.siemens.com/simatic-net</p> <p>https://mall.industry.siemens.com</p> <p>http://www.siemens.com/industry/infocenter</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>
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