

product description

XR-300 media module

SCALANCE X accessory, Media module MM992-2LH+, 2x 1000 Mbit/s SC-ports, optical; single-mode optical up to max. 70 km



interfaces	
number of electrical/optical connections / for network components or terminal equipment / maximum	2
number of optical interfaces / for network components or terminal equipment / maximum	2
number of 1000 Mbit/s SC ports (LX)	2
design of the optical interface / for network components or terminal equipment	SC
wavelength / of the optical interface	1550 nm; Single-mode
connectable optical power relative to 1 mW - of the transmitter output / minimum - of the transmitter output / maximum - of the receiver input / maximum	0 dB 5 dB -3 dB
optical sensitivity relating to 1 mW / of the receiver input / minimum	-23 dB
attenuation factor / of the FOC transmission link / minimum necessary	8 dB
range / at the optical interface / depending on the optical fiber used	30 ... 70 km
ambient conditions	
ambient temperature - during operation - during storage - during transport	-40 ... +60 °C -40 ... +85 °C -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	60 mm
height	22 mm
depth	100 mm
net weight	0.08 kg
fastening method installation in media module slot	latched Yes
standards, specifications, approvals	
standard - for FM - for hazardous zone	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07

• for safety / from CSA and UL • for hazardous zone / from CSA and UL	ATEX 0145 X UL 60950-1, CSA C22.2 No. 60950-1
• for emitted interference • for interference immunity	UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4 EN 61000-6-4:2007 (Class A) EN 61000-6-2:2005
certificate of suitability • CE marking • C-Tick • KC approval • CCC / for hazardous zone according to GB standard	EN 61000-6-2:2005, EN 61000-6-4:2007 Yes Yes Yes Yes
MTBF	55 y
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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