

product description

XR-300 media module

SCALANCE X accessory, Media module MM992-2ELH, 2x 1000 Mbit/s SC-ports, optical single-mode up to max. 120 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	-30 dB
attenuation factor / of the FOC transmission link / minimum necessary	8 dB
range / at the optical interface / depending on the optical fiber used	37 ... 120 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 • for safety / from CSA and UL	FM3611: Class 1, Division 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 ATEX 0145 X UL 60950-1, CSA C22.2 No. 60950-1
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• for hazardous zone / from CSA and UL • 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 • CCC / for hazardous zone according to GB standard / as marking	EN 61000-6-2:2005, EN 61000-6-4:2007 Yes Yes Yes Yes Ex nA IIC T4 Gc
MTBF	55 a
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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