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Data sheet 6GK5991-4AB00-8AA0

product type designation	**MM991-4**
product description	XR-300 media module
	SCALANCE X accessory; Media module MM991-4; 4x 100 Mbit/s BFOC ports, optical; multimode optical up to max. 5 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 100 Mbit/s ST(BFOC) ports / for multimode / integrated	4
design of the optical interface / for network components or terminal equipment	ST/BFOC
wavelength / of the optical interface	1310 nm; Multi-mode
connectable optical power relative to 1 mW	
● of the transmitter output / minimum	-19 dB
● of the transmitter output / maximum	-14 dB
● of the receiver input / maximum	-3 dB
optical sensitivity relating to 1 mW / of the receiver input / minimum	-32 dB
attenuation factor / of the FOC transmission link / minimum necessary	0 dB
range / at the optical interface / depending on the optical fiber used	0 ... 5 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	

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standard	
● for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
● 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	
● French marine classification society (BV)	Yes
further information / internet-Links	
Internet-Link	
● 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

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