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Data sheet 6GK5992-2AL00-8AA0

Product type designation	**MM992-2**
Product description	XR-300 media module SCALANCE X ACCESSORY, MEDIA MODULE MM992-2, 2 X 1000MBIT/S SC-PORTS, OPTICAL; MULTIMODE GLASS UP TO MAX. 750 M



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 (SX)	2
Design of the optical interface / for network components or terminal equipment	SC
Wavelength / of the optical interface	850 nm; Multi-mode
Connectable optical power relative to 1 mW	
• of the transmitter output / minimum	-9.5 dB
• of the transmitter output / maximum	-4 dB
• of the receiver input / maximum	-3 dB
Optical sensitivity relating to 1 mW / of the receiver input / minimum	-17 dB
Damping ratio / of the FOC transmission link / minimum necessary	0 dB

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Range / at the optical interface / depending on the optical fiber used	0 ... 0.75 km

Permitted ambient conditions

Ambient temperature	
• during operation	-40 ... +70 °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 weight

Design	Media module
Width	60 mm
Height	22 mm
Depth	100 mm
Net weight	0.08 kg
Mounting type	latched
• Installation in media module slot	Yes

Standards, specifications, approvals

Standard	
• for FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
• for hazardous zone	EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X
• for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
• for hazardous zone / from CSA and UL	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
• for emitted interference	EN 61000-6-4:2007 (Class A)
• for interference immunity	EN 61000-6-2:2005
Certificate of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007
• CE marking	Yes
• C-Tick	Yes
• KC approval	Yes
MTBF / at 40 °C	55 y

Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• 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

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• 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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