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Product data sheet 6GK5992-2AM00-8AA0

Product-type designation	MM992-2LD
	SCALANCE X ACCESSORY, MEDIA MODULE MM992-2LD, 2 X 1000MBIT/S SC-PORTS, OPTICAL; SINGLEMODE GLASS UP TO MAX. 10 KM
Interfaces	
Number of electrical/optical connections / for network components or terminal equipment / maximum	2
Number of 1000 Mbit/s SC ports (LX)	2
Design of optical connections / for network components or terminal devices	SC
Connectable optical power relative to 1 mW	
• of the transmitter output	-9.5 … -3 dB
• of the receiver input / maximum	-3 dB
Optical sensitivity relative to 1 mW / of the receiver input / minimum	-21 dB
Attenuation / of fiber-optic cable transmission link / minimum necessary	0 dB
Range / at the optical interface / depending on the optical fiber used	0 … 10 km
Permitted ambient conditions	
Ambient temperature	
• during operating	-40 … +70 °C
• during storage	-40 … +70 °C
• during transport	-40 … +70 °C
Relative humidity / at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20

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Design, dimensions and weight	
Design	Media module
Width	60 mm
Height	22 mm
Depth	100 mm
Net weight	0.08 kg
Mounting type	
• Installation in media module slot	Yes
Mounting type	Latched
Standards, specifications, approvals	
Standard	
• for EMC / from 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 / of CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
• for hazardous area / of 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
Verification of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007
• CE mark	Yes
• C-Tick	Yes
• KC approval	Yes
Further Information / Internet Links	
Internet-Link	
• to website: Industry Mall	http://www.siemens.com/industrial-controls/mall
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Information and Download Center	http://www.siemens.com/automation/net/catalog
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	http://support.automation.siemens.com
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