

Data sheet

6GK5991-4AC00-8AA0

product description

XR-300 media module

SCALANCE X accessory; Media module MM991-4LD; 4x 100 Mbit/s BFOC ports, optical; single-mode optical up to max. 26 km.



Technical Product Detail Page

<https://i.siemens.com/1P6GK5991-4AC00-8AA0>

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; Single-mode
connectable optical power relative to 1 mW <ul style="list-style-type: none"> • of the transmitter output / minimum • of the transmitter output / maximum • of the receiver input / maximum 	-15 dB -8 dB -3 dB
optical sensitivity relating to 1 mW / of the receiver input / minimum	-34 dB
attenuation factor / of the FOC transmission link / minimum necessary	0 dB
range / at the optical interface / depending on the optical fiber used	0 ... 26 km

ambient conditions

ambient temperature <ul style="list-style-type: none"> • during operation • during storage • during transport 	0 ... 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	120.3 mm
height	22.3 mm
depth	275.5 mm
net weight	0.3 kg
fastening method <ul style="list-style-type: none"> • installation in media module slot 	latched Yes

standards, specifications, approvals

standard <ul style="list-style-type: none"> • for safety / from CSA and UL 	UL 60950-1, CSA C22.2 No. 60950-1
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• for emitted interference • for interference immunity	EN 61000-6-4 (Class A) EN 61000-6-2
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 • E1 approval	EN 61000-6-2:2005, EN 61000-6-4:2007 Yes Yes Yes Yes; GB3836.1, GB3836.8 Ex nA IIC T4 Gc No
Marine classification association • French marine classification society (BV)	Yes

standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq] • total • during manufacturing • during operation • after end of life	115.89 kg 10.1 kg 105.69 kg 0.1 kg

further information / internet links	
internet link • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/simatic-net https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com

security information	
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Approvals / Certificates	
General Product Approval	



[Declaration of Conformity](#)



[China RoHS](#)



General Product Approval	EMV	For use in hazardous locations
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