

product type designation

product description

MM992-2SFP

XR-300 media module

SCALANCE X accessory; Media module MM992-2SFP; 2x 100/1000 Mbit/s for SFP Plug-in transceiver.



Technical Product Detail Page

<https://l.siemens.com/1P6GK5992-2AS00-8AA0>

interfaces

number of electrical/optical connections / for network components or terminal equipment / maximum	2
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number of electrical connections	
<ul style="list-style-type: none"> for SFP / plug-in 	2

ambient conditions

ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	-40 ... +70 °C -40 ... +85 °C -40 ... +85 °C

relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
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protection class IP	IP20
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design, dimensions and weights

design	Media module
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width	60 mm
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height	22 mm
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depth	100 mm
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net weight	0.08 kg
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fastening method	latched
<ul style="list-style-type: none"> installation in media module slot 	Yes

standards, specifications, approvals

standard	
<ul style="list-style-type: none"> for FM for hazardous zone for safety / from CSA and UL for hazardous zone / from CSA and UL for emitted interference for interference immunity 	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 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	EN 61000-6-2:2005, EN 61000-6-4:2007
<ul style="list-style-type: none"> CE marking C-Tick KC approval CCC / for hazardous zone according to GB standard 	Yes Yes Yes Yes; GB3836.1, GB3836.8

<ul style="list-style-type: none"> • CCC / for hazardous zone according to GB standard / as marking 	Ex nA IIC T4 Gc
Marine classification association <ul style="list-style-type: none"> • French marine classification society (BV) 	Yes
MTBF	250 a

standards, specifications, approvals / Environmental Product Declaration

Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
<ul style="list-style-type: none"> • total 	23.98 kg
<ul style="list-style-type: none"> • during manufacturing 	10.1 kg
<ul style="list-style-type: none"> • during operation 	13.78 kg
<ul style="list-style-type: none"> • after end of life 	0.1 kg

further information / internet links

internet link	
<ul style="list-style-type: none"> • 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

security information	<p>Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)</p>
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Approvals / Certificates

General Product Approval



EG-Konf.

[Declaration of Conformity](#)



CCC



[China RoHS](#)



UL

General Product Approval	For use in hazardous locations	Maritime application
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RCM



ATEX



IECEX

[FM](#)

[CCC-Ex](#)



ABS

Maritime application



BUREAU VERITAS



DNV



LRS

[NK / Nippon Kaiji Kyokai](#)



PRS



RINA

[Confirmation](#)



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