

product type designation

product description

MM992-2 M12 GIGA

XR-300 media module

SCALANCE X accessory; Media module MM992-2M12; 2x 1000 Mbit/s industrial Ethernet, M12 connection system electrical, media module, conformal coating.



Technical Product Detail Page

<https://l.siemens.com/1P6GK5992-2HA00-0AA0>

interfaces

number of electrical/optical connections / for network components or terminal equipment / maximum	2
number of electrical connections <ul style="list-style-type: none"> for network components or terminal equipment / maximum 	2
number of 10/100/1000 Mbit/s M12 ports	2
type of electrical connection <ul style="list-style-type: none"> for network components or terminal equipment 	M12

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 %
protection class IP	IP20

design, dimensions and weights

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

standards, specifications, approvals

certificate of suitability <ul style="list-style-type: none"> CE marking C-Tick KC approval CCC / for hazardous zone according to GB standard CCC / for hazardous zone according to GB standard / as marking railway application in accordance with EN 50155 railway application in accordance with EN 50121-4 fire protection in accordance with EN 45545-2 	EN 61000-6-2:2005, EN 61000-6-4:2007 Yes Yes Yes Yes; GB3836.1, GB3836.8 Ex nA IIC T4 Gc Yes Yes Yes
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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 • during manufacturing • during operation • after end of life 	56.15 kg 10.1 kg 45.95 kg 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>				
Approvals / Certificates					
General Product Approval					
	Declaration of Conformity	Manufacturer Declaration			China RoHS
<small>EG-Konf.</small>			<small>CCC</small>		
General Product Approval	For use in hazardous locations	Maritime application			
			FM	CCC-Ex	
<small>RCM</small>	<small>ATEX</small>	<small>IECEX</small>			<small>DNV</small>
Maritime application	Railway	Environment			
	Confirmation				
<small>LRS</small>					

last modified:

11/14/2025 