

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.



product brand name

SCALANCE

Technical Product Detail Page

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

interfaces

number of electrical/optical connections / for network components or terminal equipment / maximum

2

number of electrical connections

- for network components or terminal equipment / maximum

2

number of 10/100/1000 Mbit/s M12 ports

2

type of electrical connection

- for network components or terminal equipment

M12

ambient conditions

ambient temperature

- 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

latched

- installation in media module slot

Yes

standards, specifications, approvals

certificate of suitability

EN 61000-6-2:2005, EN 61000-6-4:2007

- CE marking

Yes

- C-Tick

Yes

- KC approval

Yes

- CCC / for hazardous zone according to GB standard

Yes; GB3836.1, GB3836.8

- CCC / for hazardous zone according to GB standard / as marking

Ex nA IIC T4 Gc

- railway application in accordance with EN 50155

Yes

- railway application in accordance with EN 50121-4

Yes

• fire protection in accordance with EN 45545-2	Yes
MTBF	250 a
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	56.15 kg
• during manufacturing	10.1 kg
• during operation	45.95 kg
• after end of life	0.1 kg
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to website: Industrial communication	https://www.siemens.com/simatic-net
• to web page: SiePortal	https://sieportal.siemens.com/
• to website: Image database	https://www.automation.siemens.com/bilddb
• to website: CAX-Download-Manager	https://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	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)
Approvals / Certificates	
General Product Approval	
 EG-Konf.	Declaration of Conformity
	Manufacturer Declaration
 CCC	
	China RoHS
General Product Approval	
 RCM	 EG-Konf.
	China RoHS
	 ATEX
	 IECEx
For use in hazardous locations	
 FM	 CCC-Ex
 DNV	 LRS
 Confirmation	 EPD

last modified:

3/10/2026 