

## Data sheet

## 6GK5992-2VA00-8AA0

### product description

#### XR-300 media module

SCALANCE X accessory; Media module MM992-2VD; 2x 10/100/1000 Mbit/s RJ45 ports, electrical; with securing collar variable distance;



### Technical Product Detail Page

<https://i.siemens.com/1P6GK5992-2VA00-8AA0>

### suitability for use

Ethernet communication via two wire cable

### suitability for operation

SCALANCE X308-2M, XR324-12M, S627-2M

### interfaces

#### number of electrical connections

- for network components or terminal equipment / maximum

2

#### number of 10/100/1000 Mbit/s RJ45 ports

2

#### type of electrical connection

- for network components or terminal equipment

RJ45

#### operating mode

- standard Ethernet
- VD

Yes

Yes

#### wire length

- for Standard Ethernet mode of operation / maximum
- of IE FC Standard Cable GP 4x2, AWG24, Cat6
  - at 100 Mbit/s / for VD mode of operation / maximum
- of IE FC Standard Cable GP 2x2, AWG22, Cat5e
  - at 10 Mbit/s / for VD mode of operation / maximum
  - at 100 Mbit/s / for VD mode of operation / maximum
- of PB FC Standard Cable GP
  - at 10 Mbit/s / for VD mode of operation / maximum
  - at 100 Mbit/s / for VD mode of operation / maximum

100 m

500 m

500 m

300 m

1000 m

100 m

### 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 with retaining collar

#### width

60 mm

#### height

22 mm

#### depth

100 mm

#### net weight

0.08 kg

#### fastening method

latched

• installation in media module slot	Yes
<b>standards, specifications, approvals</b>	
standard	<ul style="list-style-type: none"> <li>• for FM</li> <li>• for hazardous zone</li> <li>• for safety / from CSA and UL</li> <li>• for hazardous zone / from CSA and UL</li> <li>• for emitted interference</li> <li>• for interference immunity</li> </ul>
	<ul style="list-style-type: none"> <li>FM3611: Class 1, Division 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4</li> <li>EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X</li> <li>UL 60950-1, CSA C22.2 No. 60950-1</li> <li>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</li> <li>EN 61000-6-4:2007 (Class A)</li> <li>EN 61000-6-2:2005</li> </ul>
certificate of suitability	<ul style="list-style-type: none"> <li>• CE marking</li> <li>• C-Tick</li> <li>• KC approval</li> <li>• CCC / for hazardous zone according to GB standard</li> <li>• CCC / for hazardous zone according to GB standard / as marking</li> </ul>
Marine classification association	<ul style="list-style-type: none"> <li>• French marine classification society (BV)</li> </ul>
MTBF	250 a
<b>standards, specifications, approvals / Environmental Product Declaration</b>	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	<ul style="list-style-type: none"> <li>• total 56.15 kg</li> <li>• during manufacturing 10.1 kg</li> <li>• during operation 45.95 kg</li> <li>• after end of life 0.1 kg</li> </ul>
<b>further information / internet links</b>	
internet link	<ul style="list-style-type: none"> <li>• to website: Selection guide for cables and connectors <a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a></li> <li>• to web page: selection aid TIA Selection Tool <a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a></li> <li>• to website: Industrial communication <a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a></li> <li>• to web page: SiePortal <a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a></li> <li>• to website: Image database <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a></li> <li>• to website: CAx-Download-Manager <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a></li> <li>• to website: Industry Online Support <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a></li> </ul>
<b>security information</b>	
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 <a href="http://www.siemens.com/cybersecurity-industry">www.siemens.com/cybersecurity-industry</a>. 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 <a href="https://www.siemens.com/cert">https://www.siemens.com/cert</a>. (V4.7)</p>
<b>Approvals / Certificates</b>	
<b>General Product Approval</b>	



[Declaration of Conformity](#)



[China RoHS](#)



General Product Approval	For use in hazardous locations	Maritime application
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EM

[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



Environment



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11/14/2025