

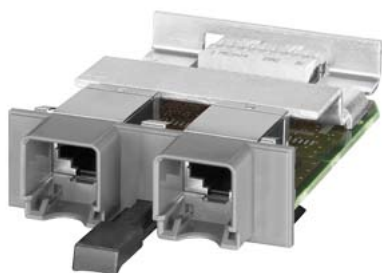
product type designation

product description

MM992-2VD (RJ45, variable distance)

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;



product brand name

Technical Product Detail Page

suitability for use

suitability for operation

SCALANCE

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

Ethernet communication via two wire cable

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
standards, specifications, approvals	
standard	
• 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
• CE marking • C-Tick • KC approval • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking	Yes Yes Yes Yes; GB3836.1, GB3836.8 Ex nA IIC T4 Gc
Marine classification association	
• French marine classification society (BV)	Yes
MTBF	250 a
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• 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	
• 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	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	



[Declaration of Con-
formity](#)



[China RoHS](#)



General Product Approval

For use in hazardous locations



[China RoHS](#)



[EM](#)

For use in hazard-
ous locations

Maritime application

[CCC-Ex](#)



[NK / Nippon Kaiji Ky-
okai](#)

Maritime application

Environment



last modified:

3/25/2026