

SCALANCE INDUSTRIAL NETWORKS

Product Data Sheet

6GK5991-2AC00-8AA0

single-mode optical media module

FUNCTION single-mode optical media module	FAMILY SCALANCE industrial networks	ORIGIN Germany	WEIGHT 0.14 kg
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Siemens SCALANCE 6GK5991-2AC00-8AA0 is a single-mode optical media module for the SCALANCE industrial networks. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Article number	6GK5991-2AC00-8AA0
product description	XR-300 media module
Technical Product Detail Page	https://l.siemens.com/1P6GK5991-2AC00-8AA0
number of electrical/optical connections / for network components or terminals	2
wavelength / of the optical interface	1310 nm; Single-mode
of the transmitter output / minimum	-15 dB
of the transmitter output / maximum	-8 dB
of the receiver input / maximum	-3 dB
optical sensitivity relating to 1 mW / of the receiver input / minimum	-34 dB
attenuation factor / of the FOC transmission link / minimum necessary	0 dB

ADDITIONAL PRODUCT DATA

range / at the optical interface / depending on the optical fibre	0.26 km
during operation	-40 ... +70 °C

OFFICIAL APPLICATIONS

- Body assembly and inspection cells: Material Handling Systems
- Crushing and grinding process lines: Safety Interlock Systems
- Stock preparation and drying sections: Machine Control Systems

SYSTEM COMPATIBILITY

Match 6GK5991-2AC00-8AA0 to the installed SCALANCE industrial networks, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official manufacturer documentation](#)

Local manufacturer PDF: 6GK5206-2GS00-2AC2.pdf

AMIKON PRODUCT SUPPORT

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