

SIMATIC NET INDUSTRIAL COMMUNICATION

Product Data Sheet

6GK5788-2GD00-0AA0

industrial automation control module

FUNCTION	FAMILY	ORIGIN	WEIGHT
industrial automation control module	SIMATIC NET industrial communication	Germany	2.089 kg

Siemens SCALANCE 6GK5788-2GD00-0AA0 is a industrial automation control module for the SIMATIC NET industrial communication. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Address Resolution Protocol (ARP)	Yes
number of electrical connections / for external antenna(s)	6
with WLAN / maximum	450 Mbit/s
for Industrial Ethernet	10, 100, 1000 Mbit/s
for network components or terminal equipment	1
interfaces for network components or terminal equipment	M12 interface (8-pole, X-coded), PoE
interfaces for power supply	M12 interface (4-pole, A-coded)
number of radio cards / permanently installed	2
transmission mode / for multiple input multiple output (MIMO)	3x3
number of spatial streams	3

- Use the documented industrial automation control module: Apply 6GK5788-2GD00-0AA0 only in the manufacturer-specified SIMATIC NET industrial communication position. Match the complete article number, electrical interfaces and adjacent hardware before service.
- Preserve interfaces and module position: Record connector keying, terminal assignments, shields, protective earth and neighboring assemblies for 6GK5788-2GD00-0AA0; restore the same controlled arrangement during installation.
- Validate the restored control function: After installing 6GK5788-2GD00-0AA0, review system diagnostics and test the affected signals, communication or controlled equipment at a safe operating point. Record the final acceptance results.

Match 6GK5788-2GD00-0AA0 to the installed SIMATIC NET industrial communication, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens Industry Mall technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6GK5788-2GD00-0AA0>

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