

SCALANCE W INDUSTRIAL WIRELESS LAN

Product Data Sheet

6GK5788-1FC00-0AA0

SCALANCE W788 industrial access point

FUNCTION	FAMILY	ORIGIN	WEIGHT
SCALANCE W788 industrial access point	SCALANCE W industrial wireless LAN	Germany	Confirm before dispatch

Siemens SCALANCE 6GK5788-1FC00-0AA0 is a SCALANCE W788 industrial access point for the SCALANCE W industrial wireless LAN. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6GK5788-1FC00-0AA0
Product Class	Scalance W788 Industrial Access Point
Product Family	SCALANCE W industrial wireless LAN
Wireless Standard	IEEE 802.11a/b/g/h
Frequency Bands	2.4 GHz and 5 GHz
Maximum Data Rate	54 Mbit/s
Radio Count	1 radio interface
Antenna Ports	2 external antenna connections
Security	WPA2 / IEEE 802.11i
QoS Standard	IEEE 802.11e

Power Supply	Power over Ethernet
Protection Class	IP65
Operating Range	–20 to +60 °C
Operating Mode	Access point / bridge

- Coordinate redundant ring operation during path failover: Across the managed switches and fiber uplinks, 6GK5788-1FC00-0AA0 provides its specified system function as a SCALANCE W788 industrial access point. During path failover, the system uses this function to maintain an alternate communication path after a link event, helping it preserve process visibility during the network event.
- Supervise robot-cell networking with Scalance W788: Within the robot controllers, safety devices and PLCs, 6GK5788-1FC00-0AA0 performs its assigned control role as a SCALANCE W788 industrial access point. During model change, the system uses this function to exchange interlocks and production status across the cell, helping it start the correct joining sequence.
- Balance plant-data uplink during scheduled data collection: In the automation chain for the control servers, historians and reporting systems, 6GK5788-1FC00-0AA0 serves its documented function as a SCALANCE W788 industrial access point. During scheduled data collection, the system uses this function to separate reporting traffic from the control network, helping it deliver operating records without delaying control messages.

Match 6GK5788-1FC00-0AA0 to the installed SCALANCE W industrial wireless LAN, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6GK5788-1FC00-0AA0>

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