AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7288-3AQ04-0AA0

EM AQ04 Analog Output Module

OUTPUTS	INTERFACE	VOLTAGE	CABLE
4 analog channels	**Voltage or current**	**±10 V**	**100 m maximum**

The Siemens 6ES7288-3AQ04-0AA0 EM AQ04 provides four analog outputs for a compatible S7-200 SMART system. Each output supports voltage or current signaling. The outputs are not isolated from logic, so circuit references must be checked alongside the receiving load.

01 VERIFIED TECHNICAL INFORMATION

Analog output channels	4
Output interface	Voltage or current
Voltage output range	±10 V
Voltage-mode load	At least 1000 ohms
Current-mode load	At most 600 ohms
Voltage settling to 95%	300 microseconds with resistive load; 750 microseconds at 1 microfarad
Current settling to 95%	600 microseconds at 1 millihenry; 2 ms at 10 millihenries

Manufacturer evidence: S7-200 SMART System Manual; exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Output accuracy	±0.5% FS at 25 °C; wider-temperature rating requires the applicable document edition
Output behavior in STOP	Last value or substitute value; default substitute value 0
Field-to-logic isolation	None
Output cable limit	100 m; twisted and shielded
Output diagnostics	Overflow/underflow; short to ground in voltage mode; wire break in current mode; 24 V DC low voltage

03 SOURCE AND CONFIGURATION CHECKS

Settling time varies with the selected mode and load characteristics. S7-200 SMART documentation defines configurable STOP behavior and diagnostics for range faults, low supply and mode-specific output faults. Confirm the applicable source edition before using historical power, current-range or temperature figures.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

AMIKON PRODUCT SUPPORT

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