

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7134-4FB00-0AB0

ET 200S Voltage Input Module



INPUTS	RANGES	REFERENCE	WIDTH
2 voltage	± 5 / ± 10 / 1-5 V	MANA	15 mm

Siemens 6ES7134-4FB00-0AB0 is a Standard analog input module for SIMATIC ET 200S. Its two voltage channels support ± 5 V, ± 10 V and 1 to 5 V signals. The module uses integrating conversion and a configurable digital filter to supply measured values to the controller.

01

VERIFIED TECHNICAL INFORMATION

Analog inputs	2 voltage channels
Voltage ranges and resolution	± 10 V and ± 5 V: 13 bits plus sign; 1-5 V: 13 bits, including overrange
Input address allocation	4 input bytes in the exact-model configuration example
Rated load supply	24 V DC from the power module; reverse-polarity protection
Load-supply current	Maximum 30 mA
Power dissipation	Typically 0.6 W
Conversion time	55 ms/channel at 60 Hz suppression; 65 ms/channel at 50 Hz

Manufacturer evidence: SIMATIC ET 200S Distributed I/O System; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Module cycle time	Active-channel count multiplied by conversion time
Digital smoothing	Four levels: time constants of 1, 4, 32 or 64 module cycles
Input resistance	Minimum 100 kohm in each voltage range
Common-mode limit	2 V AC peak-to-peak between inputs and MANA
Electrical isolation	Channels isolated from backplane and load supply, not from each other
Measurement error limits	±0.4% at 25°C; ±0.6% across the temperature range, relative to input range
Signal diagnostics	Configurable overflow/underflow; wire-break monitoring only in the 1-5 V range
Shielded signal cable	Maximum 200 m

03 SOURCE AND CONFIGURATION CHECKS

The module receives its 24 V DC load supply from the ET 200S power module. Its input circuitry is isolated from the backplane and supply, but the channels share reference-potential constraints. A red SF indicator and readable diagnostic information assist with configuration and signal-fault identification.

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

[Original Siemens documentation \(third-party-hosted copy\)](#)

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM