AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7134-4GB62-0AB0

High-speed Four-wire Current Input

INPUTS	TYPE	ADDRESS	TRANSMITTER
2 current	**High Speed**	**4 input bytes**	**4-wire**

Siemens 6ES7134-4GB62-0AB0 is a two-channel High Speed current-input module for SIMATIC ET 200S. It accepts four-wire transmitter signals in 0 to 20 mA, 4 to 20 mA and ±20 mA ranges, with separately provided transmitter-supply connections.

01 VERIFIED TECHNICAL INFORMATION

Analog inputs	2 current channels for four-wire transmitters
Ranges and resolution	0-20 mA and 4-20 mA: 15 bits; ±20 mA: 15 bits plus sign, including overrange
Input resistance	106 ohm in all three current ranges
Input address space	4 bytes
Rated load supply	24 V DC from power module; reverse-polarity protection
Native digital smoothing	Time constants 1, 4, 16 or 32 module cycles
Electrical isolation	From backplane and load supply; not between channels

Sources: exact-model Siemens product information and documented module specifications. No installation drawing or terminal-assignment instruction is included.

02 TECHNICAL INFORMATION CONTINUED

Permitted reference potential difference	MANA to backplane bus: 75 V DC or 60 V AC
Measurement error limits	±0.2% at 25 °C; ±0.3% over temperature range, relative to input range
Diagnostics and interrupts	SF and readable errors; wire-break monitoring only 4-20 mA; interrupts require capable interface module
Shielded signal cable	Maximum 200 m
Native parameter length	12 bytes in native High Speed configuration

03 SOURCE AND CONFIGURATION CHECKS

The module provides four input bytes and configurable filtering, range diagnostics and hardware-interrupt support through suitable interface modules. Its inputs are isolated from the backplane and load supply, but not from one another. Earlier-module replacement requires the later Siemens compatibility limitations to be reviewed.

The source editions disagree on two-wire capability and sensor-supply limits. The 2020 sheet also has a 0.1 ms headline versus a 250 microsecond detailed cycle. No installation document or universal timing/supply claim is supplied.

This independently prepared reference is not an installation manual. Confirm supplied hardware, firmware and approved project documentation. No gross shipping mass is inferred from product net weight.

Siemens official exact-model product reference