SIMATIC ET 200S 4AI I 2-WIRE

Product Data Sheet

6ES7134-4GD00-0AB0

Four-Channel Current Input Module

ANALOG INPUT COUNT	CURRENT RANGE	CONVERTER RESOLUTION	TRANSMITTER ARRANGEMENT
4	**4 to 20 mA**	**13 bits**	**2-wire**

Siemens 6ES7134-4GD00-0AB0 is a four-channel analog current input module for SIMATIC ET 200S. It is designed for two-wire transmitters with 4 to 20 mA signals and 13-bit conversion. The electronic module receives 24 V DC load power through the station power module, draws from the 3.3 V backplane and occupies eight input bytes.

01 TECHNICAL DATA

Analog input count	4
Current range	4 to 20 mA
Converter resolution	13 bits
Transmitter arrangement	2-wire
Load supply	24 V DC from power module
Maximum load-supply current	125 mA without load
Maximum 3.3 V backplane current	10 mA
Typical power loss	0.6 W
Input address allocation	8 bytes
Input resistance	25 ohm

Siemens 6ES7134-4GD00-0AB0 official technical data; applicable specification pages.

02 ADDITIONAL PRODUCT DATA

Maximum cycle	40 ms
Integration times	16.67 or 20 ms
Shielded cable limit	200 m
Smoothing stages	1; 4; 16; 32 cycles
Maximum transmitter burden	750 ohm

03 PRODUCT FUNCTION

Each input has a specified resistance of 25 ohm, with a maximum all-channel cycle of 40 ms. Integration times of 16.67 or 20 ms correspond to the documented line-frequency suppression selections. Four smoothing stages are available over 1, 4, 16 or 32 cycles. The manufacturer permits up to 200 m of shielded cable and gives a maximum transmitter burden of 750 ohm for the two-wire arrangement.

04 SYSTEM COMPATIBILITY

Wire each two-wire transmitter for the 4 to 20 mA input arrangement and account for the 25 ohm input resistance and permissible transmitter burden. Use the documented terminal module and shielding practice, keeping shielded field cable within 200 m.

05 REFERENCE

Siemens 6ES7134-4GD00-0AB0 official technical data; applicable specification pages.

AMIKON PRODUCT SUPPORT

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