SIMATIC ET 200SP

Product Data Sheet

6ES7134-6GB00-0BA1

Two-channel analog current input

ANALOG INPUTS	SUPPLY RANGE	BASEUNIT TYPES	COLOR IDENTIFICATION
2	**19.2 to 28.8 V DC**	**A0 or A1**	**CC05**

Siemens 6ES7134-6GB00-0BA1 is an AI 2xI 2-/4-wire ST analog input module for SIMATIC ET 200SP. It acquires two current signals and supports both two-wire and four-wire transmitter arrangements with the applicable BaseUnit.

01 TECHNICAL DATA

Analog inputs	2
Supply range	19.2 to 28.8 V DC
BaseUnit types	A0 or A1
Color identification	CC05
Maximum electronics current	45 mA
Power loss	1.1 W
Input address space	4 bytes plus 1 quality byte
Nominal cycle time	500 us
Bipolar current range	-20 to +20 mA
Unipolar current ranges	0 to 20 mA / 4 to 20 mA

02 ADDITIONAL PRODUCT DATA

Bipolar resolution	16 bits including sign
Unipolar resolution	15 bits
Maximum shielded cable length	1000 m
Interference rejection	16.6 / 50 / 60 Hz or off
Isolation test voltage	707 V DC

03 PRODUCT FUNCTION

The selectable ranges include 0–20 mA, 4–20 mA and bipolar ±20 mA. BaseUnit types A0 or A1 with color code CC05 provide the assigned terminal arrangement, while selectable interference rejection and smoothing let the conversion behaviour match the configured signal requirement.

04 SYSTEM COMPATIBILITY

Select the intended current range before commissioning. The bipolar range provides 16-bit resolution including sign, while the unipolar ranges use 15 bits; the process image also permits a quality-information byte.

05 REFERENCE

Siemens 6ES7134-6GB00-0BA1 technical data and applicable product instructions

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**