

SIMATIC ET 200SP

Installation Instructions

6ES7134-6GD01-0BA1

AI 4xI 2-/4-Wire ST Module

INPUTS	WIRING	RESOLUTION	BASEUNIT
4 current	2/4-wire	16 bit	A0 / A1

01 PRODUCT VERIFICATION

Article number	6ES7134-6GD01-0BA1
Product	AI 4xI 2-/4-Wire ST Module
Family	SIMATIC ET 200SP
Product type	AI 4xI 2-/4-wire ST
Analog inputs	4 differential inputs
Connection	2-wire and 4-wire current
Usable BaseUnits	BU type A0, A1
Color code	CC03

02 BEFORE INSTALLATION

- De-energize the ET 200SP station and field supply before inserting or wiring the module.
- Install the module on a compatible BaseUnit A0 or A1 and begin the load group with a light BaseUnit.

The selected Siemens source page is retained as the installation and wiring reference. Use the current controlled manual for final work.

Wiring up

3.1 Wiring and block diagram

Wiring: Current measurement 2-wire and 4-wire connection (2-wire and 4-wire transducer)

The following figure shows the block diagram and an example of the terminal assignment of the analog input module AI 4xI 2-/4-wire ST on the BaseUnit BU type A0/A1.

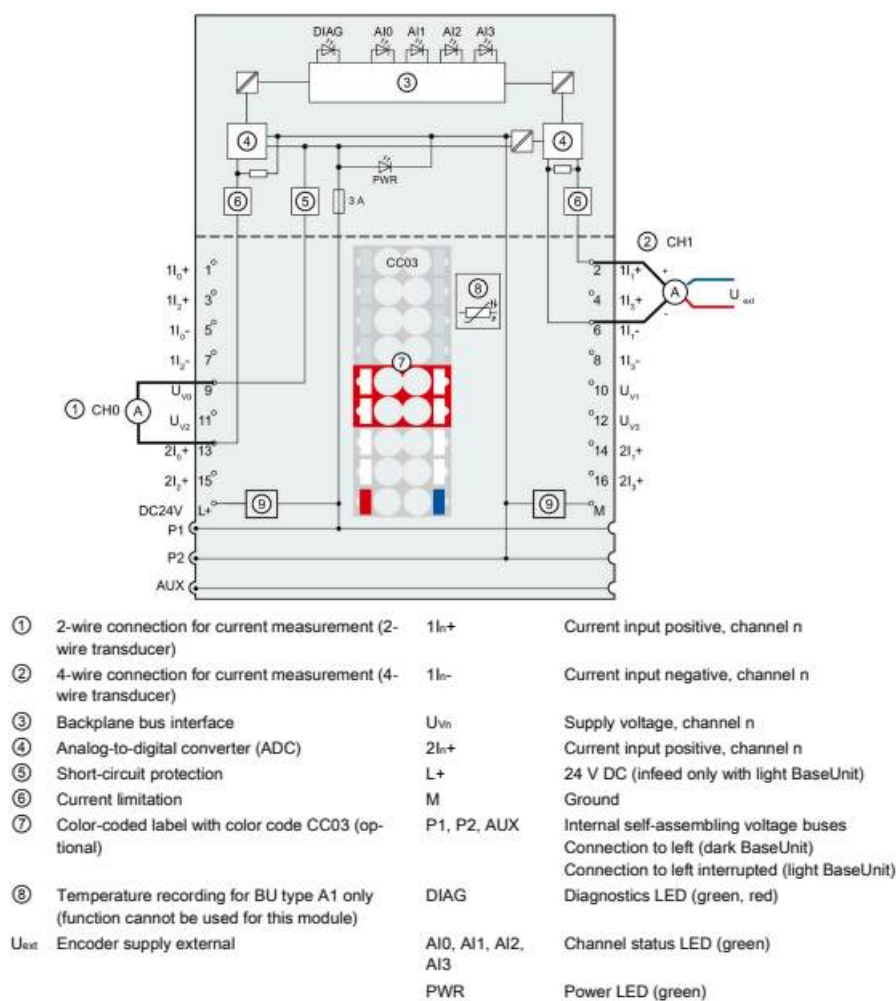


Figure 3-1 Wiring and block diagram for current measurement 2-wire and 4-wire connection (2- and 4-wire transducer)

Analog Input Module AI 4xI 2-/4-wire ST (6ES7134-6GD01-0BA1)
Equipment Manual, 06/2020, A5E03551866-AF

04 INSTALLATION SEQUENCE

01

De-energize the ET 200SP station and field supply before inserting or wiring the module.

02

Install the module on a compatible BaseUnit A0 or A1 and begin the load group with a light BaseUnit.

03

Wire each channel according to the selected 2-wire or 4-wire current-transducer diagram.

04

Verify the measuring range, diagnostics and channel parameters in the engineering configuration before commissioning.

05 OFFICIAL DOCUMENTATION

ET 200SP AI 4xI 2-/4-Wire ST Equipment Manual (A5E03551866-AF)

[Open current Siemens manual](#)

[Open Siemens exact product record](#)

06 SUPPORT CONTACT

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