

SIMATIC ET 200SP

Installation Instructions

6ES7134-6TD00-0CA1

AI 4xI 2-Wire HART Module

INPUTS	SIGNAL	RESOLUTION	BASEUNIT
4 HART	4–20 mA	16 bit	A0 / A1

01 PRODUCT VERIFICATION

Article number	6ES7134-6TD00-0CA1
Product	AI 4xI 2-Wire HART Module
Family	SIMATIC ET 200SP
Analog input channels	4 differential current inputs
Input signal	4–20 mA, 2-wire HART
Maximum resolution	16 bit including sign
Compatible BaseUnits	Type A0 or A1
Cyclic HART variables	Up to 4 per channel

02 BEFORE INSTALLATION

- De-energize the ET 200SP station, the potential group and all connected transmitter circuits before inserting or wiring the module.
- Install the exact module on BaseUnit type A0 or A1 and start each new potential group with a light-colored BaseUnit.

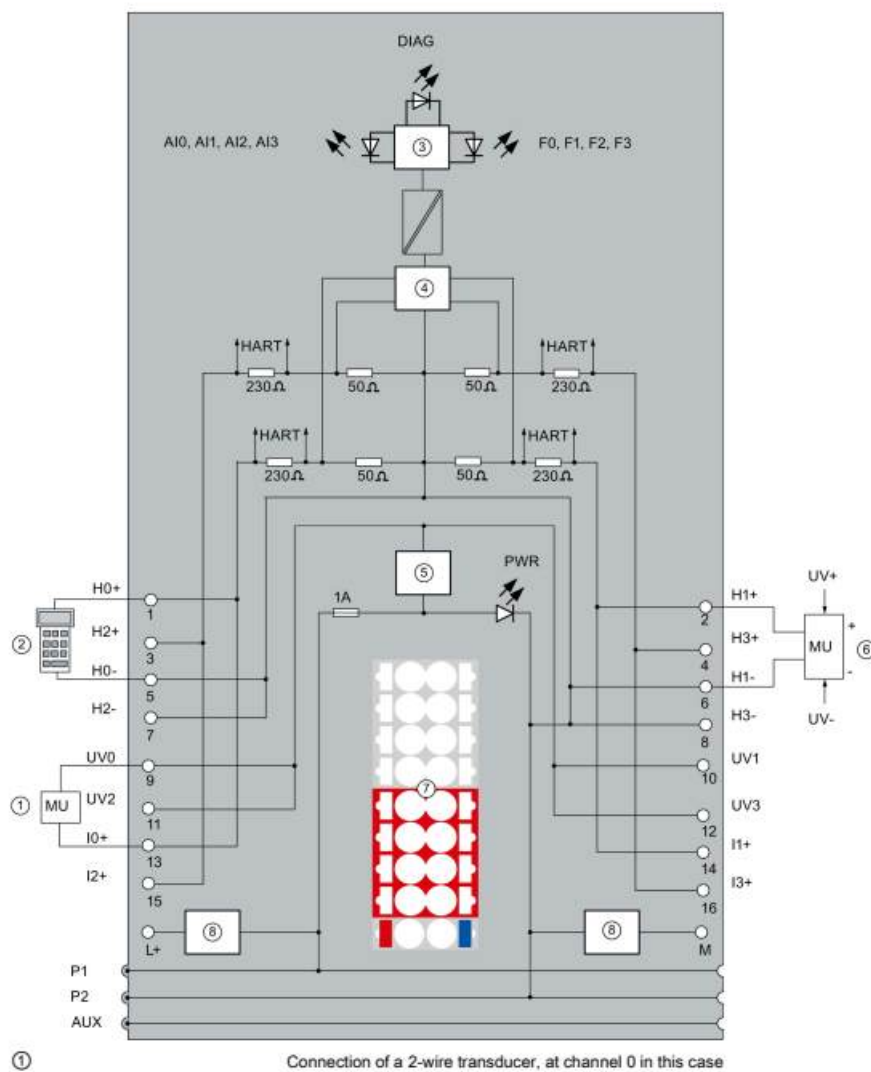
OFFICIAL INSTALLATION DRAWING

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 Connection and block diagram

General terminal assignment



04 INSTALLATION SEQUENCE

- 01 De-energize the ET 200SP station, the potential group and all connected transmitter circuits before inserting or wiring the module.
- 02 Install the exact module on BaseUnit type A0 or A1 and start each new potential group with a light-colored BaseUnit.
- 03 Connect every two-wire transmitter and any HART test connection according to the Siemens terminal assignment and shielding guidance.
- 04 Configure channel diagnostics, interference suppression, HART mapping and address space before commissioning, then verify measured values and diagnostic status.

05 OFFICIAL DOCUMENTATION

Analog Input Module AI 4xI 2-wire 4...20mA HART Manual (A5E35098013-AB)

[Open current Siemens manual](#)

[Open Siemens exact product record](#)

06 SUPPORT CONTACT

AMIKON PRODUCT SUPPORT

Amikon Limited

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM