

SIMATIC ET 200SP

Product Data Sheet

6ES7134-6TD00-0CA1

AI 4xI 2-Wire HART Module

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

Siemens 6ES7134-6TD00-0CA1 is a four-channel ET 200SP HART analog input module for 4–20 mA two-wire transmitters.

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VERIFIED TECHNICAL DATA

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
Reparameterization in RUN	Supported
Supply voltage range	19.2–28.8 V DC
Current consumption	25 mA maximum without sensor supply

Values are limited to this exact Siemens order number and the cited official manual.

02

ADDITIONAL VERIFIED DATA

Power loss	0.65 W typical without sensor supply
Address space	8 bytes; up to 28 bytes with HART, plus QI

03

PRODUCT FUNCTION

It combines 16-bit current measurement with HART communication, channel diagnostics, cyclic HART variables and configurable smoothing for distributed process instrumentation.

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OFFICIAL APPLICATIONS

- Four-channel 4–20 mA measurement from two-wire HART transmitters
- Remote HART field-device parameterization through PDM or STEP 7
- Cyclic acquisition of secondary variables from intelligent HART instruments
- Channel diagnostics for transmitter faults and HART communication errors
- Current-loop monitoring with configurable wire-break and limit alarms

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OFFICIAL SOURCES

[Siemens exact product record](#)

[Analog Input Module AI 4xI 2-wire 4...20mA HART Manual](#)

AMIKON PRODUCT SUPPORT

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