

SIMATIC ET 200SP

# Product Data Sheet

**6ES7134-6HD01-0BA1**

AI 4xU/I 2-Wire ST Module

|                        |                         |                             |                            |
|------------------------|-------------------------|-----------------------------|----------------------------|
| INPUTS<br><b>4 U/I</b> | WIRING<br><b>2-wire</b> | RESOLUTION<br><b>16 bit</b> | BASEUNIT<br><b>A0 / A1</b> |
|------------------------|-------------------------|-----------------------------|----------------------------|

Siemens 6ES7134-6HD01-0BA1 is an ET 200SP AI 4xU/I 2-wire Standard module with four differential analog inputs.

01

## VERIFIED TECHNICAL DATA

|                     |                            |
|---------------------|----------------------------|
| Product type        | AI 4xU/I 2-wire ST         |
| Analog inputs       | 4 differential inputs      |
| Connection          | Voltage and 2-wire current |
| Usable BaseUnits    | BU type A0, A1             |
| Color code          | CC03                       |
| Rated supply        | 24 V DC                    |
| Supply range        | 19.2–28.8 V DC             |
| Current consumption | 37 mA maximum              |

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

02

## ADDITIONAL VERIFIED DATA

|                       |                                      |
|-----------------------|--------------------------------------|
| Power loss            | 0.85 W typical                       |
| Voltage ranges        | 0–10 V; 1–5 V; $\pm 10$ V; $\pm 5$ V |
| Current ranges        | 0–20 mA; 4–20 mA                     |
| Maximum resolution    | 16 bit including sign                |
| Shielded cable length | 1000 m; 200 m for voltage            |
| Dimensions W × H × D  | 15 × 73 × 58 mm                      |
| Weight                | Approx. 31 g                         |

03

## PRODUCT FUNCTION

The official manual identifies voltage ranges from  $\pm 10$  V to 1–5 V, 0–20 mA and 4–20 mA current ranges, 16-bit maximum resolution, diagnostics and BaseUnit types A0 and A1.

04

## OFFICIAL APPLICATIONS

- 0–10 V analog measurement
- 1–5 V analog measurement
- $\pm 10$  V analog measurement
- 0–20 mA current measurement
- 4–20 mA 2-wire transducer measurement

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## OFFICIAL SOURCES

[Siemens exact product record](#)

[ET 200SP AI 4xU/I 2-Wire ST Equipment Manual](#)

AMIKON PRODUCT SUPPORT

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