

LOGO 0BA4

Product Data Sheet

6ED1055-1MD00-0BA0

LOGO AM2 PT100 expansion module

FUNCTION LOGO AM2 PT100 expansion module	FAMILY LOGO 0BA4	ORIGIN Germany	WEIGHT 0.16 kg
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Siemens 6ED1055-1MD00-0BA0 is a LOGO AM2 PT100 expansion module for the LOGO 0BA4. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

PT100 excitation	Integrated resistance measurement current
Sensor type	PT100 resistance thermometer
Analog inputs	2
Measurement function	Temperature acquisition
Connection methods	Two or three wire PT100
Supply voltage	12 or 24 V DC
Expansion interface	LOGO expansion bus
Protection class	IP20
Temperature range	Minus 50 to 200 °C
Sensor wiring	Two wire or three wire PT100

ADDITIONAL PRODUCT DATA

Temperature resolution	0.25 °C
Conversion principle	Resistance to digital conversion
Channel status	Controller diagnostic evaluation
Mounting method	35 mm DIN rail
Electrical isolation	Input channels isolated from control logic

OFFICIAL APPLICATIONS

- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations
- Municipal Water and Industrial Wastewater Services: Municipal water treatment services; Industrial wastewater treatment operations
- Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration

SYSTEM COMPATIBILITY

Match 6ED1055-1MD00-0BA0 to the installed LOGO 0BA4, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official technical documentation for 6ED1055-1MD00-0BA0](#)

Applicable manufacturer documentation retained in Manuals & support

AMIKON PRODUCT SUPPORT

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