

SIMATIC ET 200PA SMART+

Product Data Sheet

6DL1164-6GH00-0PH1

16-channel analog input module

FUNCTION	FAMILY	ORIGIN	WEIGHT
16-channel analog input module	SIMATIC ET 200PA SMART+	Germany	0.35 kg

ET 200SP 6DL1164-6GH00-0PH1 is a 16-channel analog input module for the SIMATIC ET 200PA SMART+. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Analog Inputs	16 current channels
Input Connection	2-wire transmitters
Signal Ranges	0–20 mA and 4–20 mA
Resolution	16 bit including sign
Input Resistance	250 ohm
Module Cycle Time	400 ms minimum
Rated Supply	24 V DC
Rated Current	350 mA
Sensor Supplies	16 short-circuit protected outputs
Shielded Cable Length	800 m maximum

ADDITIONAL PRODUCT DATA

Unshielded Cable Length	200 m maximum
Basic Current Error	0.3 %
Repeat Accuracy	0.05 %
Diagnostics	Channel wire-break detection
Configuration	PCS 7 V9.1 SP2 or PCS neo V5.0

OFFICIAL APPLICATIONS

- Boiler and turbine auxiliary control: Generation Control Systems
- Reactor and separation process automation: Process Automation Systems
- Pumping and filtration plant automation: Utility Control Systems

SYSTEM COMPATIBILITY

Match 6DL1164-6GH00-0PH1 to the installed SIMATIC ET 200PA SMART+, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation](#)

Local manufacturer document: 6DL1164-6GH00-0PH1 6DL1 164-6GH00-0PH1.pdf

AMIKON PRODUCT SUPPORT

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