

ALLEN-BRADLEY COMPACTLOGIX

Product Data Sheet

1769-IF4

Four-channel analog input module

ANALOG INPUTS	VOLTAGE RANGES	CURRENT RANGES	RESOLUTION
4 differential or single-ended	± 10 V; 0-10 V; 0-5 V; 1-5 V	0-20 mA; 4-20 mA	14 bits unipolar; 14 bits plus sign bipolar

Allen-Bradley 1769-IF4 is a four-channel analog input module for the Allen-Bradley CompactLogix product family. It provides the documented interfaces and electrical characteristics for compatible industrial automation configurations.

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VERIFIED TECHNICAL DATA

Analog inputs	4 differential or single-ended
Voltage ranges	± 10 V; 0-10 V; 0-5 V; 1-5 V
Current ranges	0-20 mA; 4-20 mA
Resolution	14 bits unipolar; 14 bits plus sign bipolar
Current draw at 5 V	120 mA
Current draw at 24 V	60 mA
Heat dissipation	2.63 W
Converter	Delta-sigma
Rated working voltage	30 V AC / 30 V DC
Voltage input impedance	220 kohm typical

ADDITIONAL PRODUCT DATA

Current input impedance	250 ohm
Nonlinearity	±0.03% full scale

DOCUMENTED USE SETTINGS

Automotive Manufacturing: Vehicle Body Production.

Water and Wastewater: Municipal Water Treatment.

Material Handling: Warehouse Logistics Operations.

SYSTEM COMPATIBILITY

Use 1769-IF4 only in the documented Allen-Bradley CompactLogix environment and confirm the applicable chassis, terminal assembly and electrical supply before connection.

PRODUCT EVIDENCE

Rockwell Automation manufacturer documentation

AMIKON PRODUCT SUPPORT

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