



ALLEN BRADLEY 1769-IF4 COMPACT I/O ANALOG INPUT MODULE

Allen Bradley 1769-IF4 Compact I/O Analog Input Module - 1769-IF4 (New)

The Allen Bradley 1769-IF4 is a Compact I/O Analog Input Module designed to provide accurate and reliable analog signal processing for ControlLogix and MicroLogix 1500 systems. With four differential analog input channels, this module supports voltage and current inputs, making it ideal for monitoring sensors, transmitters, and other analog devices in industrial automation applications. Its compact footprint and easy DIN-rail or panel mounting make it a flexible and space-efficient solution for expanding your control system.

Key Features:

- 4-channel analog input module for voltage or current signal monitoring
- High-resolution 15-bit analog-to-digital conversion for accurate readings
- Compact I/O design for seamless integration into tight control panels
- Compatible with both MicroLogix 1500 and CompactLogix controllers
- LED indicators for channel status and fault diagnostics


Specifications:


- Model: 1769-IF4
- Type: Analog Input Module
- Channels: 4 single-ended or 2 differential

- Input Types: $\pm 10\text{V}$, 0–10V, 0–5V, 1–5V, 0–20 mA, 4–20 mA
- Resolution: 15-bit
- Input Impedance: Voltage – $>1\text{ M}\Omega$; Current – $250\ \Omega$
- Power Supply: 24V DC (supplied via backplane)
- Operating Temperature: 0°C to 60°C (32°F to 140°F)
- Mounting: DIN rail or panel mount
- Dimensions: 118 x 35 x 87 mm approx.
- Certifications: UL, CE, CSA, and Class I Div 2 (hazardous locations)

The Allen Bradley 1769-IF4 Analog Input Module offers precise, reliable analog signal acquisition for industrial control systems. Ideal for process control, machine automation, and instrumentation applications, it ensures seamless data integration with trusted Rockwell Automation performance and long-term durability.

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