

1771-IF03

Industrial automation components

Manufacturer	Allen-Bradley
Catalog number	1771-if03
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	14.51 kgs
Input Channels	8 differential analog input channels
Input Voltage Range	-10V to +10V
Input Current Range	4mA to 20mA
Resolution	12-bit
Channel-to-Channel Isolation	Yes

Description

The Allen-Bradley 1771-IF03 is an analog input module designed for integration with Allen-Bradley PLC systems, facilitating precise data acquisition and control in industrial automation applications. This module supports up to 8 differential analog input channels, accommodating a wide input voltage range from -10V to +10V and current inputs from 4mA to 20mA, ensuring compatibility with various sensors and devices. It offers a 12-bit resolution for accurate data conversion and features channel-to-channel isolation to protect against electrical noise and voltage spikes, enhancing system reliability. Ideal for manufacturing automation, process control, and industrial systems, the 1771-IF03 enhances operational efficiency and data precision.