IC695ALG616-EA

Industrial automation components

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Manufacturer	Fanuc
Catalog number	ic695alg616-ea
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Channels	16 single-ended or 8 differential channels
Input Signal Types	0 to 20mA, 4 to 20mA, ±20mA, ±10V, 0 to 10V, ±5V, 0 to 5V, 1 to 5V various
ADC Resolution	24-bit bits
Configurable Input Filters	8Hz, 12Hz, 16Hz, 40Hz, 200Hz, 500Hz
Operating Temperature Range	32°F to 140°F (0°C to 60°C) °F
Power Supply	24V DC V
Backplane Compatibility	RX3i general-purpose backplane
Programming Software	Proficy Machine Edition

Description

The Fanuc IC695ALG616-EA is a high-density analog input module designed for the PACSystems RX3i Programmable Automation Controller (PAC). This module offers 16 single-ended or 8 differential input channels, providing flexibility for various industrial applications.

It supports multiple input signal types, including 0 to 20mA, 4 to 20mA, ±20mA current signals, and ±10V, 0 to 10V, ±5V, 0 to 5V, and 1 to 5V voltage signals. The module features a 24-bit analog-to-digital converter (ADC) with a resolution of 16 bits, ensuring precise data acquisition.

Configurable input filters are available at 8Hz, 12Hz, 16Hz, 40Hz, 200Hz, and 500Hz to minimize signal fluctuations. The IC695ALG616-EA operates within a temperature range of 32°F to 140°F (0°C to 60°C) and requires a 24V DC power supply.

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It occupies a single slot on the RX3i general-purpose backplane and is compatible with Proficy Machine Edition programming software for configuration. This module is ideal for applications in manufacturing, energy, and water treatment industries, where accurate and reliable analog signal processing is essential.

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