GE Series 90-70 Series Service Manual

IC697ALG444

1. Description

The IC697ALG444 module is a input current expansion module. This GE Fanuc module has 16 channels and it is compatible with the Series 90-70 PLCs.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697ALG444**
Product	**type Analog input current expansion module**
Compatibility	**GE Fanuc 90-70 PLCs**
Channels	**16**
Compatible	**terminal block IC697ACC775**
Module	**voltage input 5 Volts DC**
I/O	**voltage range -10 to +10 Volts**
I/O	**current range 4 to 20 milliamps**
The	**GE Fanuc IC697ALG444 module is a 16 channel analog input current expansion module. The IC697ALG444 module comes with gold plated contacts on its headers and terminal blocks. The module is compatible with GE Fanuc Series 90-70 PLCs. The IC697ALG444 module can be used only with the IC697ACC775 terminal block. The input voltage range is -10 to +10 Volts. The current input range is 4 to 20 milliamps. The factory calibration is set at 10 Volts, ±2 millivolts. The IC697ALG444 module requires 5 Volts DC input from the PLC backplane. The GE Fanuc Series 90-70 PLC systems provides a comprehensive solution for demanding industrial applications. The Series 90-70 PLCs are based on the VME-bus standard**

3. Product Information

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Technical specifications for IC697ALG444

Brand GE Fanuc

Series Series 90-70

Part Number IC697ALG444

Product type Analog input current expansion module

Compatibility GE Fanuc 90-70 PLCs

Channels 16

Compatible terminal block IC697ACC775

Module voltage input 5 Volts DC

I/O voltage range -10 to +10 Volts

I/O current range 4 to 20 milliamps

The GE Fanuc IC697ALG444 module is a 16 channel analog input current expansion module. The IC697ALG444 module comes with gold plated contacts on its headers and terminal blocks. The module is compatible with GE Fanuc Series 90-70 PLCs. The IC697ALG444 module can be used only with the IC697ACC775 terminal block. The input voltage range is -10 to +10 Volts. The current input range is 4 to 20 milliamps. The factory calibration is set at 10 Volts, ±2 millivolts. The IC697ALG444 module requires 5 Volts DC input from the PLC backplane. The GE Fanuc Series 90-70 PLC systems provides a comprehensive solution for demanding industrial applications. The Series 90-70 PLCs are based on the VME-bus standard and they can be used with numerous modules produced by many different manufacturers.

The Series 90-70 system includes several CPU modules, racks, power supplies, a rack-type I/O system, a Genius I/O system, Field Control I/O, and numerous I/O modules, including a programmable coprocessor module, a Genius I/O bus controller, a remote I/O scanner, an I/O link interface, an alphanumeric display coprocessor, and many other modules. The Series 90-70 PLCs use CPX series CPUs and offer more computing power, memory, redundancy, and communications capabilities than other modules. The Series 90-70 PLC systems support a wide range of VME analog I/O modules. The required level of redundancy can be achieved by the use of Genius I/O, Genius Modular Redundancy (GMR), and host standby systems. CPU redundancy systems can achieve hot standby CPU redundancy by connecting 2 power supplies and 2 CGR CPUs to 1 or more Genius I/I networks. The available communication options include Ethernet, Genius LAN, and serial communications.