GE Series 90-70 Series Service Manual

IC697VAL348

1. Description

The GE Fanuc Automation IC697VAL348 8-channel digital to analog converter board provides a resolution of 16 bits and an output voltage of 10 Volts at a current of 5 milliamps.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697VAL348**
Type	**Converter Board**
Converter	**DAC**
Resolution	**16 Bits**
Input	**channels 8**
Buffered	**voltage output 10 Volts**
Current	**5 mA**
Fail	**LED Yes, front panel**
Connector	**DIN**
Eurocard	**Yes, double**
Jumper	**Yes, 6**
The	**IC697VAL348 board is an 8-channel digital to analog converter board that has been designed and manufactured by GE Fanuc Automation. This board can deliver up to 10 Volts of output current that has a positive binary input code or 2 different complementary codings. It has a 16-bit resolution and it can buffer an output voltage of 10 Volts at a current of 5 milliamps. The GE Fanuc Automation IC697VAL348 8-channel digital to analog converter board has one 16-bit digital to analog converter per channel and it comes with a front panel LED that indicates any fault that occurs during operations. The board includes different features such as a double Eurocard form factor and a high-reliability DIN connector.**

3. Product Information

The GE Fanuc Automation IC697VAL348 8-channel digital to analog converter board provides a resolution of 16 bits and an output voltage of 10 Volts at a current of 5 milliamps.

Technical specifications for IC697VAL348

Brand GE Fanuc

Series Series 90-70

Part Number IC697VAL348

Type Converter Board

Converter DAC

Resolution 16 Bits

Input channels 8

Buffered voltage output 10 Volts

Current 5 mA

Fail LED Yes, front panel

Connector DIN

Eurocard Yes, double

Jumper Yes, 6

The IC697VAL348 board is an 8-channel digital to analog converter board that has been designed and manufactured by GE Fanuc Automation. This board can deliver up to 10 Volts of output current that has a positive binary input code or 2 different complementary codings. It has a 16-bit resolution and it can buffer an output voltage of 10 Volts at a current of 5 milliamps. The GE Fanuc Automation IC697VAL348 8-channel digital to analog converter board has one 16-bit digital to analog converter per channel and it comes with a front panel LED that indicates any fault that occurs during operations. The board includes different features such as a double Eurocard form factor and a high-reliability DIN connector.

Before the installation of the GE Fanuc Automation IC697VAL348 8-channel digital to analog converter board, the tables referring to the programming and factory jumpers need to be checked to ensure that the technicians are up to date on the board specifications. After the info has been checked, the board can be installed in a VMEbus system while the equipment is powered off to avoid damages. The board is meant to be placed in any slot except the one that is reserved for the master processor. The GE Fanuc Automation IC697VAL348 8-channel digital to analog converter board comes with different jumpers that have been factory configured. These are the base address selection switches (S1 and S2), the JC switch that determines the address modifier, the JA and JB switches that determine the digital code, the JD switch that enables that starting of the program, and the JE switch that enables the external start convert mode.