GE Series 90-30 Series Service Manual

IC693BEM332

1. Description

The GE Fanuc IC693BEM332 FIP I/O Interface Module offers an interface for connecting field devices to a Series 90-30 series programmable logic controller at 2.5 MHz of transmission speed. Two Type D, 9-pin serial connectors are available on the front of the GE Fanuc IC693BEM332 FIP I/O Interface Module, and they support the RS-482 and RS-422 serial communication protocols.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693BEM332**
Type	**of component FIP I/O Interface Module**
Communication	**Protocol Factory Instrumentation Protocol**
Transmission	**speed 2.5 MHz**
Number	**of Serial Ports 2**
Power	**Supply 5V DC, from the Series 90-30 Backplane**
Serial	**communication protocols supported RS-482 and RS-422**
IP	**rating IP 20**
The	**GE Fanuc IC693BEM332 Module is to a Genius I/O Bus interface module that can connect remote field devices via the Factory Instrumentation Protocol (FIP). This interface module uses a transmission speed of 2.5 MHz, it draws its 5 Volts DC power supply from the Series 90-30 PLC series backplane connection, and it has a current rating of 300 milliAmps. The GE Fanuc IC693BEM332 FIP I/O Interface Module acts as the master controller module in an industrial network featuring the Factory Instrumentation Protocol, and it also serves as the main communication gateway between the field devices and the programmable logic controller. Two Type D, 9-pin serial conn**

3. Product Information

The GE Fanuc IC693BEM332 FIP I/O Interface Module offers an interface for connecting field devices to a Series 90-30 series programmable logic controller at 2.5 MHz of transmission speed. Two Type D, 9-pin serial connectors are available on the front of the GE Fanuc IC693BEM332 FIP I/O Interface Module, and they support the RS-482 and RS-422 serial communication protocols.

Technical specifications for IC693BEM332

Brand GE Fanuc

Series Series 90-30

Part Number IC693BEM332

Type of component FIP I/O Interface Module

Communication Protocol Factory Instrumentation Protocol

Transmission speed 2.5 MHz

Number of Serial Ports 2

Power Supply 5V DC, from the Series 90-30 Backplane

Serial communication protocols supported RS-482 and RS-422

IP rating IP 20

The GE Fanuc IC693BEM332 Module is to a Genius I/O Bus interface module that can connect remote field devices via the Factory Instrumentation Protocol (FIP). This interface module uses a transmission speed of 2.5 MHz, it draws its 5 Volts DC power supply from the Series 90-30 PLC series backplane connection, and it has a current rating of 300 milliAmps. The GE Fanuc IC693BEM332 FIP I/O Interface Module acts as the master controller module in an industrial network featuring the Factory Instrumentation Protocol, and it also serves as the main communication gateway between the field devices and the programmable logic controller. Two Type D, 9-pin serial connectors are available on the front of the GE Fanuc IC693BEM332 FIP I/O Interface Module for supporting both the RS-482 and the RS-422 serial communication protocols.

The GE Fanuc IC693BEM332 FIP I/O Interface Module can be configured by using handheld devices or proprietary computer software that is sold separately. It is not intended to provide the power supply for any of the field devices connected to its FIP serial bus, so it is the user's responsibility to use external power supplies for those devices. The IP rating of the GE Fanuc IC693BEM332 FIP I/O Interface Module is quite low because of its open-type construction, so it is also the user’s responsibility to install the module in a location where it can operate without the risk of getting wet or being exposed to extreme temperatures. To mount the device inside a closed panel is strongly recommended, in order to avoid the moisture and dirt that are common in industrial environments.