GE Series 90-30 Series Service Manual

IC693CBL316

1. Description

The GE Fanuc IC693CBL316 Serial Cable is for the Series 90-30 CPUs and digital servo modules. It has has a maximum cable length of 3 feet and a 9-pin D-shell connector and a 6-pin RJ-11 connector.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693CBL316**
Description	**Serial Cable**
Cable	**Length 3.0 Feet**
Connector	**Type 9-pin D-shell connector and 6-pin RJ-11 Connector**
Application	**90-30 Series CPU and Digital Servo Modules**
Wire	**Shield Yes**
Average	**Weight 2.0 Pounds**
Cable	**Housing Yes**
Conducting	**Material 28 AWG Size Wire**
The	**GE Fanuc IC693CBL316 Serial Interface Cable is a serial cable assembly designed to interconnect CPU modules and digital servo modules like the IC693CMM321, IC693CPU351, IC693CPU352, IC693CPU363 IC693DSM302, and the IC693DSM314 modules with RJ-11 communications ports to a PC serial port. All the CPU firmware upgrades and programmed applications are downloaded to Port 1 of these modules from the Loader software on the PC by using the IC693CBL316 Serial Cable. The IC693CBL316 Serial Cable is also called a “Station Manager Cable” because it can be used to connect Ethernet supported terminals or terminal emulators with Station Manager RS-232 ports for quick access to th**

3. Product Information

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Technical specifications for IC693CBL316

Brand GE Fanuc

Series Series 90-30

Part Number IC693CBL316

Description Serial Cable

Cable Length 3.0 Feet

Connector Type 9-pin D-shell connector and 6-pin RJ-11 Connector

Application 90-30 Series CPU and Digital Servo Modules

Wire Shield Yes

Average Weight 2.0 Pounds

Cable Housing Yes

Conducting Material 28 AWG Size Wire

The GE Fanuc IC693CBL316 Serial Interface Cable is a serial cable assembly designed to interconnect CPU modules and digital servo modules like the IC693CMM321, IC693CPU351, IC693CPU352, IC693CPU363 IC693DSM302, and the IC693DSM314 modules with RJ-11 communications ports to a PC serial port. All the CPU firmware upgrades and programmed applications are downloaded to Port 1 of these modules from the Loader software on the PC by using the IC693CBL316 Serial Cable. The IC693CBL316 Serial Cable is also called a “Station Manager Cable” because it can be used to connect Ethernet supported terminals or terminal emulators with Station Manager RS-232 ports for quick access to the Station Manager software over the high-speed Ethernet network without a converter. Other applications include connecting a PC serial port to the RJ-11 faceplate serial port on IC693CPU351, IC693CPU352, and IC693CPU363 CPU modules for programming, configuration, firmware upgrading, and monitoring purposes.

The GE Fanuc Series 90-30 IC693CBL316 Serial Interface Cable can also be used to connect a personal computer’s 9-pin serial port to a digital servo module’s 6-pin RJ-11 COMM port (on the rear-end) for downloading motion programs and firmware upgrades. The IC693CBL316 Serial Interface Cable comes as an assembly comprising of a 1-meter (3-foot) serial cable (shielded), a 9-pin D-shell connector, a 6-pin RJ-11 connector, and some installation hardware. The IC693CBL316 Serial Interface Cable has a 9-pin D-shell connector on one end for connecting to the RS-232-compatible port known as Port 1 on the digital servomModules and a 6-pin RJ-11 connector on the other end for connecting to the serial port of a personal computer.