GE Series 90-30 Series Service Manual

IC693CBL312

1. Description

The GE Fanuc IC693CBL312 I/O Base Expansion Cable for the GE Series 90-30 I/O control system. It has has a maximum cable length of 0.5 feet, a 25-pin single head male connector, and 25-pin male and 25-pin female dual-head connector.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693CBL312**
Description	**I/O Base Expansion Cable**
Cable	**Length 0.5 Feet**
Connector	**Type 25-Pin SingleHead Male Connector, 25-Pin Male and 25-Pin Female Dual-Head Connector**
Cable	**type Wye Cable**
Application	**Daisy-Chain I/O Expansion or Remote Baseplates to CPU Baseplate**
Wire	**Shield Yes**
Average	**Weight 2.0 Pounds**
Cable	**Housing Yes**
Conducting	**Material 28 AWG Size Wire**
Product	**Lifecycle Status* Discontinued/Obsolete**
The	**GE Fanuc IC693CBL312 I/O Base Expansion Cable is a prewired I/O bus expansion cable assembly for the Series 90-30 I/O control system. This cable connects CPU baseplate with I/O expansion or remote baseplates in a daisy-chain configuration. The IC693CBL312 I/O Base Expansion Cable is a 0.15-meter (0.5-foot) long Wye cable with a 25-pin D-type connector one end of the cable and a dual-headed (one male, one female) 25-pin D-type connector on the other end. This cable belongs to the I/O expansion cable series, which includes cables tha**

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Technical specifications for IC693CBL312

Brand GE Fanuc

Series Series 90-30

Part Number IC693CBL312

Description I/O Base Expansion Cable

Cable Length 0.5 Feet

Connector Type 25-Pin SingleHead Male Connector, 25-Pin Male and 25-Pin Female Dual-Head Connector

Cable type Wye Cable

Application Daisy-Chain I/O Expansion or Remote Baseplates to CPU Baseplate

Wire Shield Yes

Average Weight 2.0 Pounds

Cable Housing Yes

Conducting Material 28 AWG Size Wire

Product Lifecycle Status* Discontinued/Obsolete

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For proper daisy-chain wiring, the single end of the IC693CBL312 I/O Base Expansion Cable which has a 25-pin D-type male connector is connected to the 25-pin D-type female connector on the CPU baseplate. The 25-pin male connector on the dual-connector end is connected to a 25-pin female connector of the first expansion baseplate in the system. The other 25-pin female connector on the dual-end end of the cable is connected to a male 25-pin connector of the second I/O bus expansion cable to continue the I/O bus expansion chain. After achieving the desired I/O expansion length, the female 25-pin connector on the last I/O bus expansion cable is terminated by using a terminator plug. Note that the maximum number of cables that can be connected to an I/O expansion system is 7, and the maximum acceptable distance between the CPU baseplate and the last remote baseplate is 213 meters (700 feet).