GE Service Manual

IC754VGF08CTD

1. Description

Technical specifications for IC754VGF08CTD

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Line Quickpanel**
Part	**Number IC754VGF08CTD**
Weight	**12.81 lbs (5.81 kg)**
Display	**Size 8 in.**
Display	**Color Color**
Input	**Type Touchscreen**
Communication	**RS232 and RS485**
Input	**Power 12 - 30 VDC**
Memory	**64 MB**
Communication	**Cable HMI-CABC93**

3. Product Information

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Description

The General Electric (GE) FANUC IC754VGF08CTD is a QuickPanel View Loaded terminal that features a 7-inch touchscreen. To be precise, it has a widescreen thin film transistor liquid crystal display with a WVGA resolution of 800 x 480 pixels. This LED-backlit display features a projected capacitive touchscreen with a two-point touch feature. The processor used on the IC754VGF08CTD terminal is a Freescale i.MX535 1 GHz ARM Cortex A8 processor and it comes with a Microsoft Windows Embedded Compact 7 operating system. The installed memory on this terminal is 256 MB of SLC NAND ROM, 512 MB of DDR2 SDRAM, and 512 KB of SRAM and it is also equipped with 1 SD/SDHC memory card slot. Other ports available on the IC754VGF08CTD terminal are 1 mini Type-B USB 2.0 device port, 2 Type A USB 2.0 host ports, 1 mic in mono port, 1 line out stereo port, 1 RS-232 serial port, and 1 10/100 base Ethernet port.

The rated voltage of the IC754VGF08CTD terminal is 24V DC at +/-20% with a 3-pin connector and its maximum rated voltage is 30V DC. It uses an IP65 and JEM1030 enclosure, which is mounted via a panel and a VESA mount, and it should only be run at a 0 to 50 °C temperature range and stored at a room temperature of -20 to 70 °C. The relative humidity, when running and in storage, should be no more than 85% and the cooling of this terminal is done via natural convection. The entire terminal measures 7.56 x 5.39 x 1.42 inches approximately and it weighs 1.76 lbs or 0.08. kg.