



For GPD 502
Adjustable Frequency Drives

INSTRUCTION SHEET FOR INTEGRAL-MOUNTING OPTION DIGITAL MONITOR MODEL L758

Before installing this kit, a **TECHNICALLY QUALIFIED INDIVIDUAL**, who is familiar with this type of equipment and hazards involved, should **READ** this **ENTIRE INSTRUCTION SHEET**.

INTRODUCTION

When installed, this option provides operator controls (keypad and alphanumeric display) for local control of the GPD 502 in the Drive mode only (Program mode is not accessible). Indicators and keypad functions present on the Digital Monitor operate as described in TM 4240 for the same operator controls on the Digital Operator.

IMPORTANT

The Digital Monitor should not be installed in the GPD 502 until after all programming for the inverter and other options in use has been completed by use of the Digital Operator.

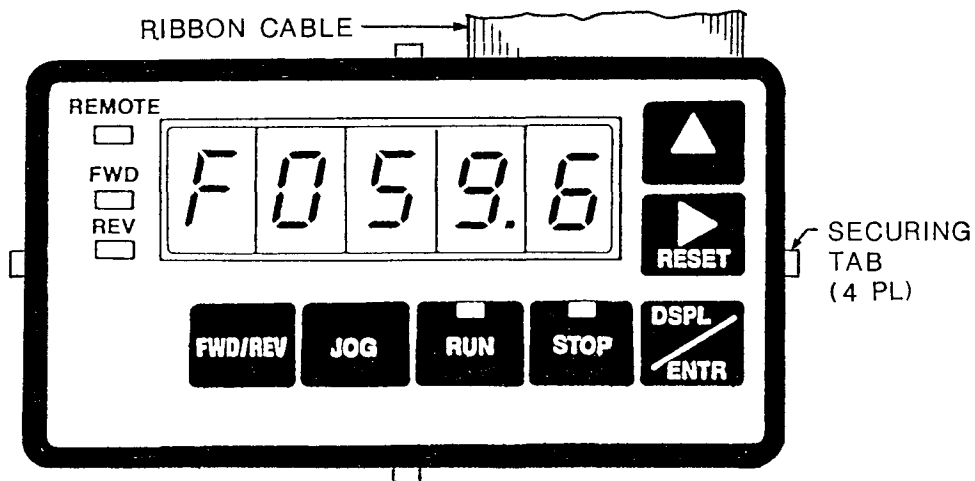


Figure 1. Digital Monitor Model L758

CHANGE RECORD			
1	STD-4373	8-14-90	RRR

DWG. NO. 02Y00025-0260
SHEET NO. 1 OF 3
EFF. 7/31/89 (m-df)

INSTALLATION

1. Disconnect all electrical power to drive.
2. Remove drive front cover.
3. Verify voltage has been disconnected by using a voltmeter to check for voltage at incoming power terminals.

WARNING

**HAZARDOUS VOLTAGE CAN CAUSE SEVERE INJURY OR DEATH.
LOCK ALL POWER SOURCES FEEDING DRIVE IN THE "OFF" POSITION.**

4. See Figure 2. Disconnect the Digital Operator's ribbon cable from 7CN on the Main Control PCB.

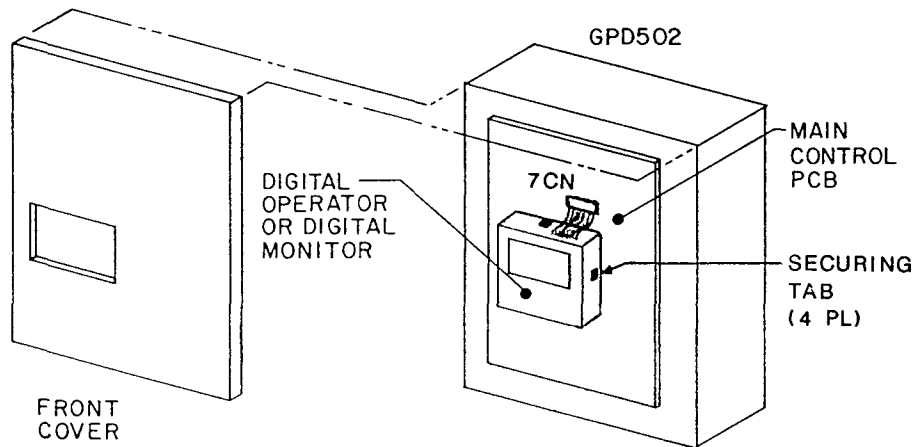


Figure 2. Installation of Digital Monitor in GPD 502

5. Using a narrow-bladed screwdriver or other suitable tool, press in on each of the four securing tabs holding the Digital Operator in the metal mounting case. (It may be necessary to press on two of the tabs at a time to release the Digital Operator assembly and allow it to move outward.) Then remove the assembly from the drive.

NOTE

Once the Digital Operator has been removed from the drive, it should be packaged and stored as appropriate, in case it has to be reinstalled at a later date for use of the Program mode of the GPD 502.

6. Align the Digital Monitor assembly in front of the metal mounting case, and press firmly at the four corners until the securing tabs snap into cutouts to hold the assembly in place.
7. Align the connector of the Digital Monitor's ribbon cable with 7CN on the Main Control PCB and press down firmly until fully seated.
8. To verify correct connection of the ribbon cable, apply power to the drive. The "STOP" indicator and either the "FWD" or "REV" indicator should illuminate. Then turn off power to the drive. If the indicators did not illuminate, re-check ribbon cable connection.
9. Reinstall and secure drive front cover.
10. Place this instruction sheet with the GPD 502 Technical Manual. This completes installation of this option.

Refer to Sheet 1 for latest change.

DWG. NO. 02Y00025-0260
SHEET NO. 3 OF 3
EFF. 7/31/89 (m-df)