

REMOTE OPERATOR STATION

MODEL L712

IMPORTANT

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

DESCRIPTION

The Remote Operator Station allows operation of the GPD 402 inverter from a remote location. It provides the following operators, which function the same as the "local" operators on the inverter:

- RUN/STOP/RESET switch
- FWD/REV switch
- FREQ. SET potentiometer (10K ohms)
- FREQUENCY meter

RECEIVING

All equipment is tested against defect at the factory. Any damages or shortages evident when the equipment is received must be reported immediately to the commercial carrier who transported the equipment. Assistance, if required, is available thru the nearest MagneTek Drives & Systems representative.

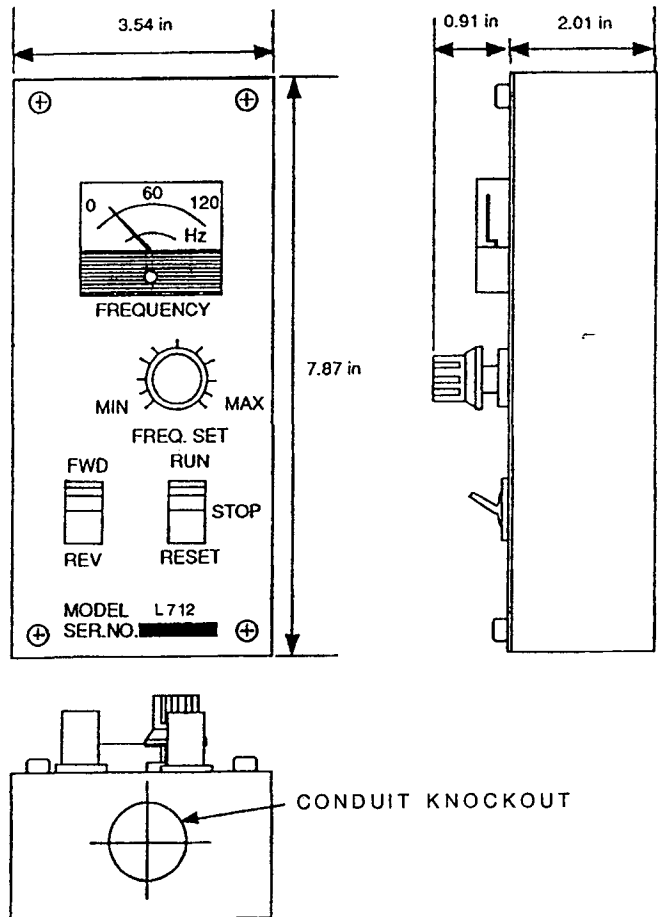


Figure 1. Remote Operator Station

CHANGE RECORD					DWG. NO. 02Y00025-0288
					SHEET 1 OF 3
					EFF. 4/7/89 (P)

Table 1. Remote Operator Station Specifications

Storage Temp Range	-20°C to +70°C (-4°F to 158°F)
Operating Temp Range	-10°C to +60°C (14°F to 140°F)
Operating Humidity	90% max relative (No condensation)
Environmental	- Protected from direct sunlight - Protected from corrosive gases or liquids
Vibration	1G at frequency less than 20HZ 0.2G at 20 to 50HZ

INSTALLATION

WARNING

HAZARDOUS VOLTAGE CAN CAUSE SEVERE INJURY OR DEATH.

LOCK ALL POWER SOURCES FEEDING DRIVE IN "OFF" POSITION.

1. Turn off all electrical power to the GPD 402.
2. Verify that the "POWER" lamp is out. Then loosen mounting screws and remove the terminal block cover.
3. Disable the "local" operators on the inverter by disconnecting the wiring harness from header CON1 and connector CON2 on the PC board.
4. Verify that switch DS2-2 shorting plug is in the upper position.

5. Using appropriate size female contacts, prepare and install a jumper wire from connector CON2 to pin 16 of header CON1.

6. Remove the front plate from the Remote Operator Station, and install the case in the desired location.

7. See Figure 2. Make wire connections from the controls on the front plate of the Remote Operator Station to terminal strip TM2 of the inverter.

8. Replace and secure the front plate on the Remote Operator Station, and replace and secure the terminal block cover on the GPD 402.

FUNCTION OF OPERATOR CONTROLS

RUN/STOP/RESET - This three position switch is used to start and stop the Drive. The Stop command takes priority over any other control signal.

Setting this switch momentarily to the RESET position will reset any fault indication and reset the Drive's fault relay.

FWD/REV - This two position switch is used to select direction of motor rotation under inverter control. This switch can be changed while the motor is running.

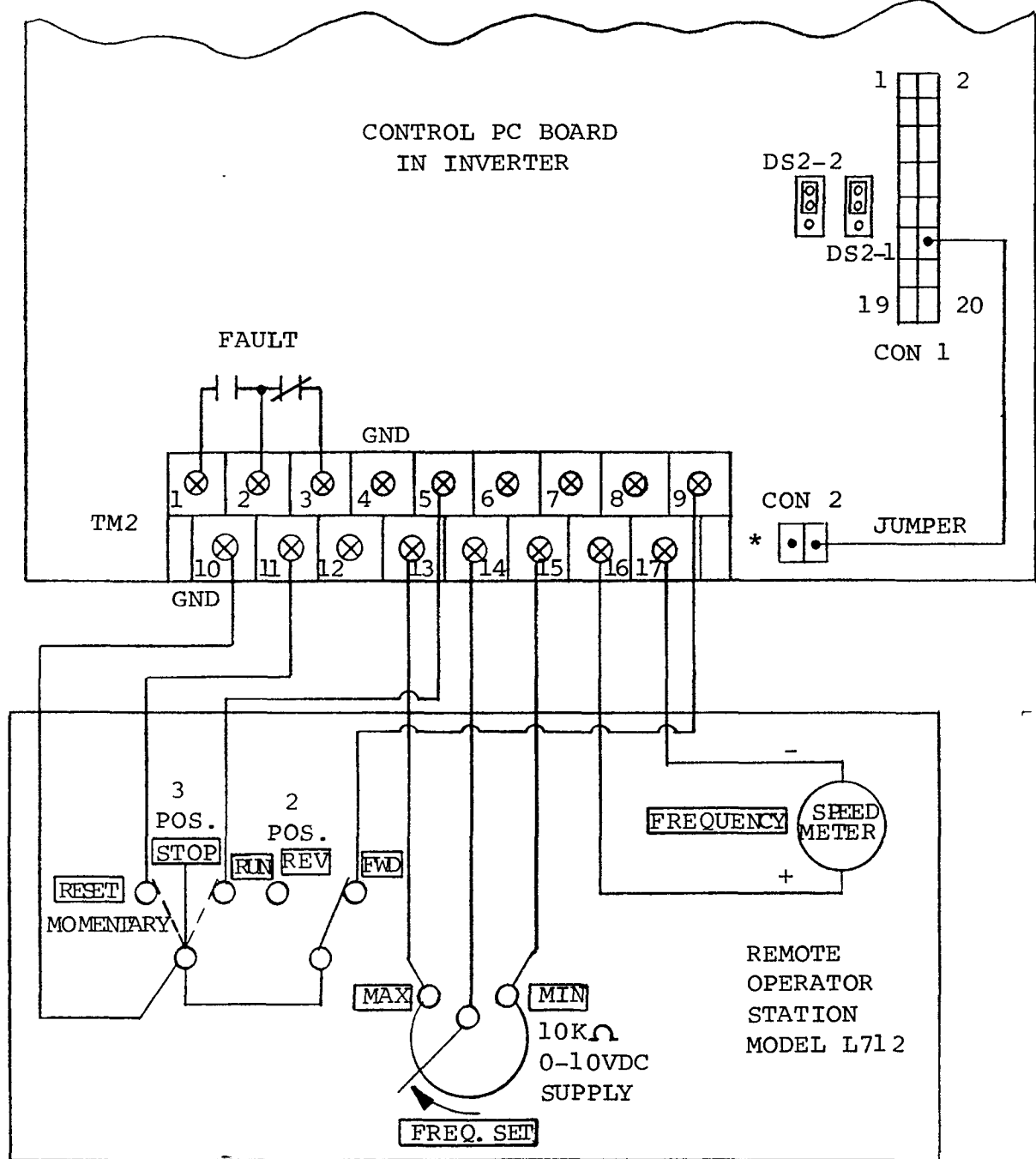
FREQ. SET - This potentiometer is used to adjust the output frequency of the inverter and thus set desired motor speed.

FREQUENCY - This meter provides an indication of inverter output frequency.

MODIFICATION RECORDS

Place this instruction sheet with your inverter manual.

DWG. NO. 02Y00025-0288
SHEET 2 OF 3
EFF. 4/7/89 (P)



NOTES: INDICATES MARKINGS ON FRONT PLATE OF REMOTE OPERATOR STATION.

* PC BOARD COPPER TIES CON2 TO TM2(14).

Figure 2. Interconnection of Remote Operator Station Model L712

DWG. NO. 02Y00025-0288
SHEET 3 OF 3
EFF. 4/7/89 (P)