

# Installing Boiler Control 265 with Lochinvar PowerFin Boilers

1. When connecting to a Boiler Control 265, it is necessary to disconnect the 0 – 10 V (dc) controller connection from the VFD terminal 13 and cap-off the pink wire (Figure 1).

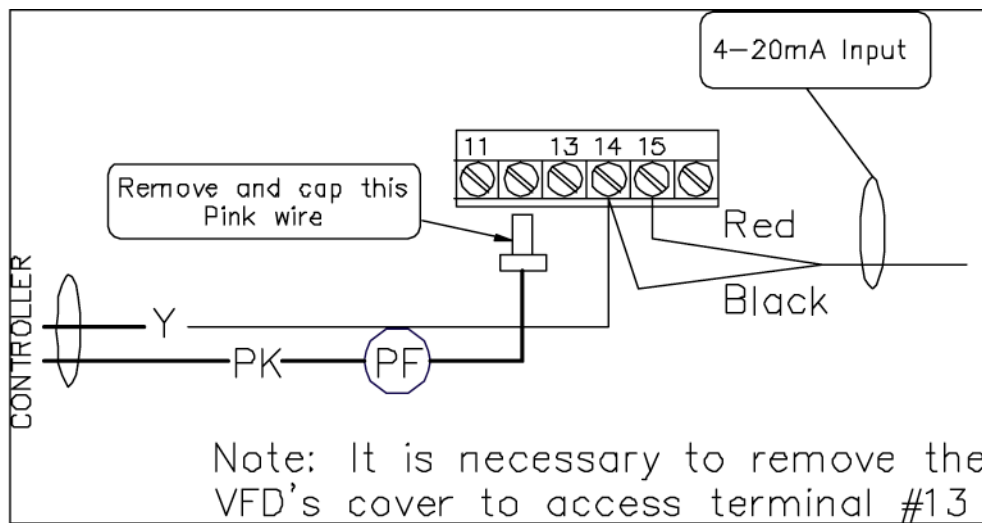

















Figure 1: VFD 0 – 10 V (dc) Controller Connection

2. Reprogram the VFD to accept a 4 – 20 mA input.
3. The following steps are necessary to reprogram the VFD to accept a 4 – 20 mA input (reference Figure 2).
  - a. Press the “PROG” key once.
  - b. Press the  arrow key until “A101” parameter appears and then press .
  - c. Press either  or  to change from “1” to “0” and then press “PROG”. This unlocks the drive.
  - d. Once the VFD is unlocked, press either the  or  key until “P038” parameter appears and then press .
  - e. Press either  or  to change from “2” to “3” and then press . This changes the VFD to accept a 4 – 20 mA input.

- f. Press the  arrow key until "A101" parameter appears and then press .
- g. Press either  or  to change from "0" to "1" and then press . This locks the drive.
- h. Press the "PROG" key to exit the Programming Mode.
4. At this point the VFD should be set for 4 – 20 mA and its display should be set for "D001" which shows the drive frequency.

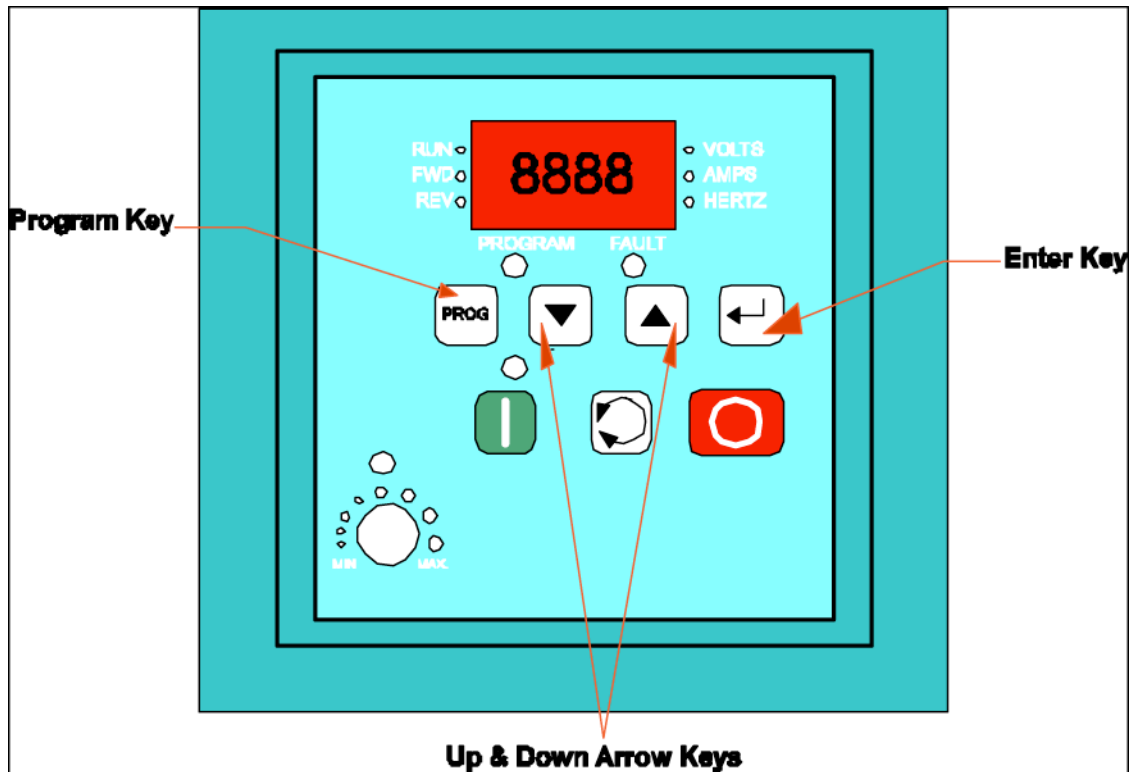


Figure 2: VFD Display

**Connect tekmar modulating boiler control to boiler**

