

Invertek Wiring and Programing Manual



Center Square button

Up/Down Arrow Buttons



Parameter Selection Screen



Value Selection

1. Once the VFD is powered up, hold the center square button until the screen changes to the parameter selection screen. The P dash and a number, for example P-01 or P-08, will flash on the screen.
2. Once at the Parameter selection screen use the up/down arrow buttons to find the parameters.
3. Once the desired parameter is selected, press the center square button then use the up/down arrows to select the value.
4. When the desired value is flashing on the screen, press the square button to return to the parameter selection screen.
5. After returning to the parameter selection screen use the up/down arrows to find the next parameter and repeat steps 3-4 above to select the desired value.
6. set the following parameters using the steps above:
 - P-01 (Maximum Frequency/Speed Limit) set to value of 61**
 - P-02 (Minimum Frequency/Speed Limit) set to value of 15**
 - P-08 (Motor Rated Current) set to the value of the FLA on the Motor Nameplate**
 - P-13 (Operating Mode Select) set to value of 1**
 - P-14 (Extended Menu Access Code) set to value of 201**
 - P-16 (Analog Input 1 Signal Format) set to t 4-20**
 - P-51 (Motor Control Mode) set to value of 1**
 - P-54 (Maximum Current limit) set to value of 110**
7. After setting the Parameters, hold the center square button to return to the main screen.



Single Phase Supply

L₁ L₂ Ground

Motor

U V W Ground

3 Phase Supply

L₁ L₂ L₃ Ground

Motor

U V W Ground

Control Wiring

Terminal 1 > Run Signal
Terminal 2

Terminal 6 + 4-20 mA

Terminals 7 - 4-20 mA

Optional Remote Speed Monitor

Terminal 8 +4-20 mA

Terminal 9 -4-20 mA