



Configuring Pulses in PD6830 – Quick Start Guide

Step 1 – Set Up Mass Flow Electronics

- A. Set up SFT200, SFT100, or DM2200 output pulses per the respective O&M manual

Step 2 – Set up PD6830

Mass Setup – When measuring in Kilograms, Pounds, etc

The PD6830 is not set up for mass, so custom units will need to be setup

- A. Press MENU
- B. Press ENTER when SETUP is displayed on the screen (use the ► button to scroll through options)
- C. Press ENTER when InPut is displayed on the screen (use the ► button to scroll through options)
- D. Press ENTER when nPnLO is displayed on the screen (use the ► button to scroll through options)
- E. Press ENTER when FActr is displayed on the screen (use the ► button to scroll through options)
- F. Funit will be displayed on top of the screen
- G. Press ► until P/CUST is displayed on the bottom of the screen
- H. Press ENTER, dEc.Pt will be displayed on the top of the screen
- I. Press ► to select desired decimal point, displayed at the bottom of the screen
- J. Press ENTER, FActr will be displayed on the top of the screen
- K. Press ► to scroll through the digits on the bottom of the screen, and press ▲ to change the digits
 - a. The number entered on the bottom of the screen should match the output pulses set up in the mass flow electronics
- L. Press ENTER once your factor is correct, UNITS will be displayed on the top of the screen (use the ► button to scroll through options)
- M. Press ENTER, tbASE will be displayed on top of the screen
- N. Press ► until rAtEU (Set Rate Display Units), tot U (Set Total Display Units), or GtotU (Se Grand Total Display Units) is displayed on the screen
 - a. If you intend on displaying either of the options, the will each need to be set up using steps O-V
- O. With rAtEU displayed on top of the screen, press ENTER
- P. CUST/S should be displayed on the bottom of the screen
 - a. This custom rate set due to the custom unit selected in step G
- Q. Press ENTER, USEr will be displayed on the top of the screen
 - a. The current custom unit will be displayed at the bottom of the screen
- R. Press ENTER, LAbEL will be displayed on the top of the screen
- S. Enter the name of the customer unit (this should match your mass flow electronics output in Kilograms, Pounds, etc)
 - a. Press ► and ▲ to change the character and press ENTER to accept the character and move to the next
- T. Once the custom unit is set, ratCS will be displayed on the top of the screen, press ENTER
 - a. This is to set the conversion factor for the custom unit
- U. Press ► to select desired decimal point, displayed at the bottom of the screen, press ENTER
- V. Press ► to scroll through the digits on the bottom of the screen, and press ▲ to change the digits
 - a. The number entered on the bottom of the screen should match the FActr entered in steps J-K

PRESS MENU UNTIL YOU REACH THE HOME SCREEN

Volume Setup – When measuring in Gallons, Liters, etc

- A. Press MENU
- B. Press ENTER when SETUP is displayed on the screen (use the ► button to scroll through options)
- C. Press ENTER when InPut is displayed on the screen (use the ► button to scroll through options)
- D. Press ENTER when nPnLO is displayed on the screen (use the ► button to scroll through options)
- E. Press ENTER when FActr is displayed on the screen (use the ► button to scroll through options)
- F. Funit will be displayed on top of the screen
- G. Press ► until your desired units are on the screen
 - a. Example: P/GAL for Gallons or P/L for Liters
- H. Press ENTER, dEc.Pt will be displayed on the top of the screen
- I. Press ► to select desired decimal point, displayed at the bottom of the screen
- J. Press ENTER, FActr will be displayed on the top of the screen
- K. Press ► to scroll through the digits on the bottom of the screen, and press ▲ to change the digits
 - a. The number entered on the bottom of the screen should match the output pulses set up in the mass flow electronics
- L. Press ENTER once your factor is correct, UNITS will be displayed on the top of the screen (use the ► button to scroll through options)
- M. Press ENTER, tbASE will be displayed on top of the screen
- N. Press ► until rAtEU (Set Rate Display Units), tot U (Set Total Display Units), or GtotU (Se Grand Total Display Units) is displayed on the screen
 - a. If you intend on displaying either of the options, the will each need to be set up using steps O-Q
- O. With rAtEU displayed on top of the screen, press ENTER
- P. Using ►, select the correct units
 - a. Example: GAL/S for Gallons or L/S for Liters
- Q. Press ENTER to confirm selection

PRESS MENU UNTIL YOU REACH THE HOME SCREEN