



MPI Pressure Transmitter Guide

On every MPI PT there are buttons you can use on the top of the transmitter. Instead of opening the cover you can use these three buttons to configure your transmitter.

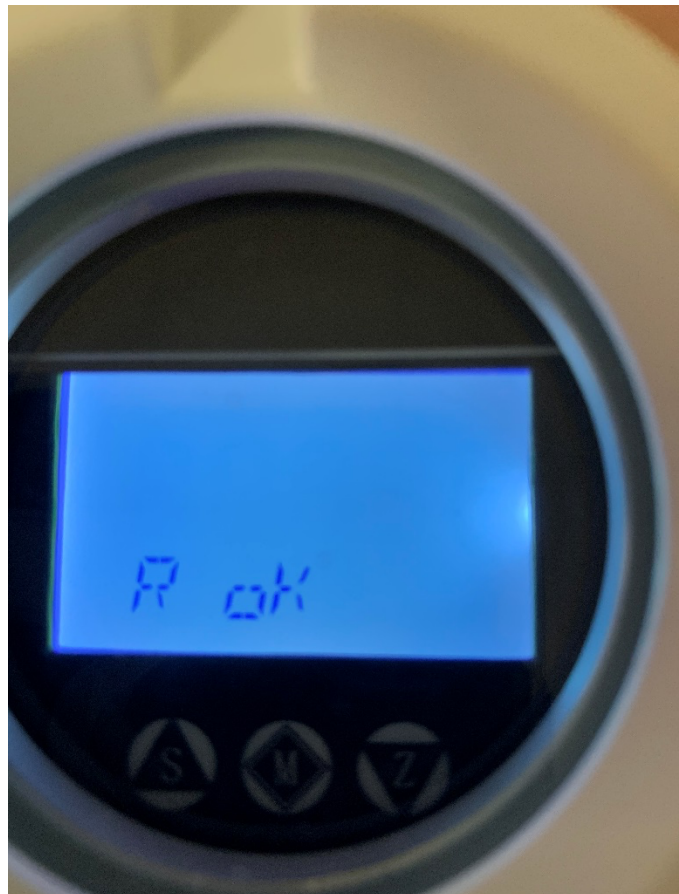
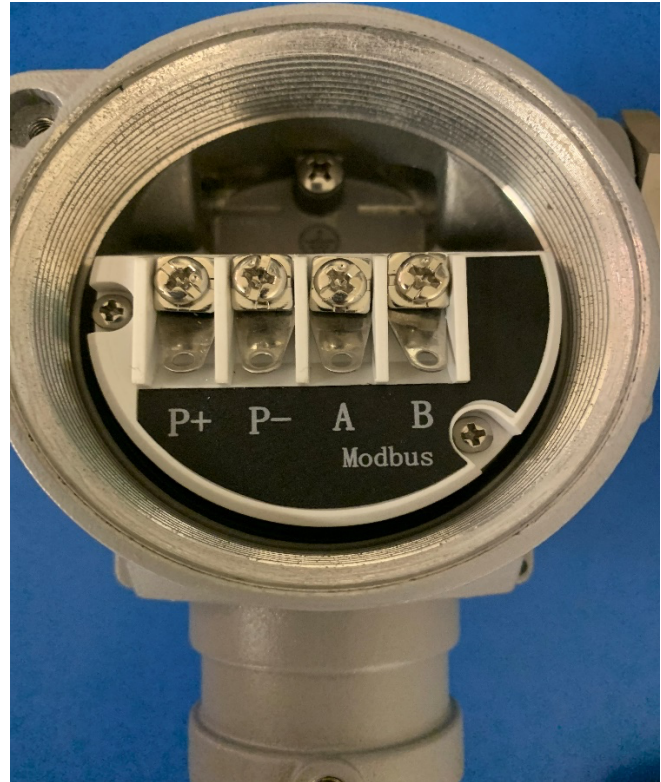


On the plate there will be a model code. If that model code ends with MS, these are the steps you will take to factory reset and zero the PT.

1. Power down PT
2. Press and hold down Z while powering up the unit.
3. Hold down Z until you see "R OK" on the display.
4. You have now reset the PT. make sure to reset your address to whatever you had it at before.

To Zero the PT all you will need to do is hold down Z and M at the same time. Once the PT has zeroed it will say PV=0 on the display.

If you need to get to the secret menu all you do is power down the unit, hold M while powering it back up. Hold for 10 seconds and then you will be in the secret menu.



To enter setup menu

- Press M
- Scroll down to BT

To change Baud Rate press down M until you come to this screen. →

Press Z then press S for which Baud Rate you would like to use.

To Save changes press M.



To change the device Address, press down on M until you come to this screen. →

Press Z then press S to input your address.

To Save changes press M.

Note: MPI PT's can do a 3-digit number if necessary.



To change Byte order press M until you see this screen on your display.

Press Z then Press S to change to needed byte order.

To Save changes press M.



To change Stop Bits, press M until you see this screen on your display.

Press Z then Press S to make changes.

To Save changes press M.

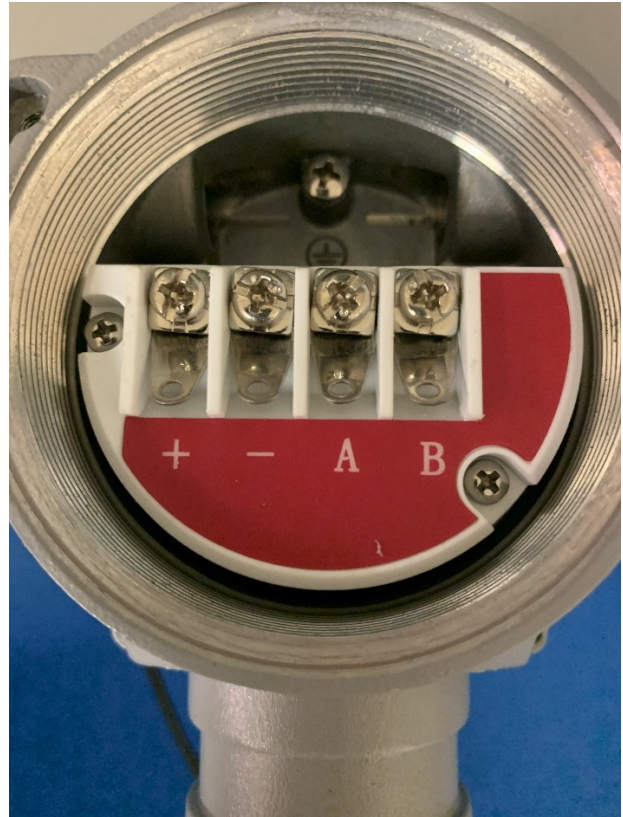


On the plate there will be a model code. If that model code ends with LS or FS, these are the step you will take to reset and zero the PT

1. Power down PT
2. Press and hold down Z while powering up the unit.
3. Hold down Z until you see “Loading” on the display.

To Zero the PT all you will need to do is hold down S and Z at the same time. Once the PT has zeroed it will say PV=0 on the display.

NOTE: Factory reset PT before zeroing out. If you zero, the PT too many times it will shift from its original zero.



To enter setup menu

- Press M
- Scroll down to LRV or URV

To Change Lower Ranger Value (LRV) and Upper Range Value (URV).

Press M until you're at desired screen.

Press Z then Press S to make changes.

To Save changes press M.



Models for LS and FS

Cutoff, Dampening, and Testing 4-20 output

1. To get to the Secret menu, power down the PT then while holding M power up the unit till you see Expert.
2. You are now in the Secret Menu.
3. Navigate to cutoff and by using S and Z enter .3% as your cutoff.

Note: After making your changes in the secret menu, power the unit down and then power it back up to get back to regular menu.





1. You do not need to enter the secret menu to get to Dampening.

2. Enter .5 as your value.



If you need to test your 4-20mA output you can do so by using the MPI analog PT's.

1. Find Fix/c in the menu options.
2. Press Z, then press S.
3. This will let you start testing the output.
4. Test from 4,8,12,16, and 20 mA.

