

## Process Instrument Co. I FD INDICATOR USERMANUAL Model: PDI-01



Please note the following words A means  $\wedge$  , B means  $\vee$  , A+B means pressure  $\wedge$  and  $\vee$  at the same time . (make sure the sensor no pressure, the output is 4mA ) .

1. When collect the LED on the sensor, it will show **SENS** .
2. Set ZERO . , press A+B , it will enter into ZERO set process and show **SEt2** ,  
then still press A+B . it will show the sensor output **0400** (if the sensor output is 4.03mA ,it will show 04.03 , press A to move the cursor , press B to change the value up or down . when it show 0000 , then press A+B to save the zero set , and it show **SEt2** .
3. Set Span ( example , if the sensor is 0-10BAR , the span will be 10.0) , press A , it will enter into SPAN set , and show **SEtS** , Still press A+B , it will show **2000** ( the is the sensor output 20mA , if the sensor output 19.80 , it will show 19.80mA , ) . press A to move the cursor , press B to change the value up or down . when it show 10.00 , then press A+B to save the span set , and it show **SEtS**
4. Dot set . press A will enter into dot set , and show **dot** , then press A+B , it will show **-.-.-** , now press A to move the DOT left , press B to move DOT right . then press A +B will save the DOT set .

5. damping time set . press A will enter into damping time set . and show dAP, set step same as 2 , and the damping time from 0-20s , the value show be 0.5 times ( that means 0.5 , 1.0 ; 1.5 ; 2.0 ... ) , the press A+B to save the set .
6. alarm set . still press A will enter into the alarm and will show the menu HILo , press A+B , it will show oFF , that means the alarm value is not valid . press A or B can be switch as on , that means the alarm value is valid . the LED ex-factory setting is oFF .
7. the first alarm value set , press A , it will enter into the first alarm value setting , it will show StPL , set step same as 2 , the alarm value will be how much percentage of Span .( Like 80% full span or others as you want .)
8. the second alarm value set , press A , it will enter into the second alarm value setting , it will show StPH , others same as 7 , then press A+B to save the set .
9. the first alarm value direction set . it will enter into the first alarm value setting menu and show LdIr , press A+B , it will show UP , that means the value , from lower to higher alarm , press A or B it will be auto switch , and show dn , that means the value from higher to lower alarm . the press A+B to save setting
10. the second alarm value direction set . it will enter into the first alarm value setting menu , and show LdIr , press A+B , it will show UP , that means the value from lower to higher alarm , press A or B it will be auto switch , and show dn , that means the value from higher to lower alarm . the press A+B to save setting (same as 9 )
11. alarm time extension setting , continue to press A , it will enter m time extension setting process , and show dELA , the alarm time 0-30s , same as 5 . then press A +B to save setting. still press A, all the process setting finished.
12. This indicator just can accept 4-20mA input. make sure not collect wrong the wire diagram, otherwise, no display.

**Note : Standard product is without alarm ,if need alarm output , when order , please mention it .**