

Pressure Setpoint Configuration Procedure

This guide is designed to help with configuring the pressure setpoint of a Glycol Feeder with a MegaTron XS controller.

If these configurations are improperly set by entering an A/D value for the settings while the input is not seeing the correct signal, a signal generator will be required to reset the calibration.

Step 1:

Push the **HOME** button to leave Calibration and go back to the HOME menu screen. From here push **SETPOINTS** (Button 1) to go to the next screen

```

>HOME SETUP<
SETPOINTS          DATE/TIME
CALIBRATION        CONFIGURE
TIMERS             HISTORY
CUSTOMIZE          TOTALIZERS
ALARMS             RELAYS
    
```

Step 2:

This is the Setpoints Setup Screen. From here push **mA IN** (Button 7) to go to the next screen

```

>SETPOINTS SETUP<
SENSORS
mA IN
    
```

Step 3:

This is the mA Inputs Screen. From here push **INPUT 1** (Button 1) to go to the next screen

```

>mA INPUTS<
INPUT 1
    
```

Step 4:

This is the mA Input 1 Setpoint Review Screen. From here push **SETPOINTS** (Button 5) to go to the next screen

```

>mA INPUT 1 SETPOINT<
MAIN1
SET POINT: 500%
DIFFERENTIAL: RISING CONTROL
                20
HIGH ALARM AT: 1000(OFF )
LOW ALARM AT: 0(OFF )
LIMIT TIME: 00:01 HH:MM
SETPOINTS
    
```

Step 5:

This is the mA Input 1 Setpoint Change Screen. From here you can set **SET POINT** (Button 1), **DIFFERENTIAL** (Button 2), **HIGH ALARM** (Button 3), **LOW ALARM** (Button 4) and **LIMIT TIME** (Button 5). Press the desired button to go to the next screen

```

>mA INPUT 1 SETPOINT CHANGE<
SET POINT
DIFFERENTIAL
HIGH ALARM
LOW ALARM
LIMIT TIME
    
```

Step 6:

Set the value of **SET POINT** by using the number keys. Use the left arrow to set the reaction direction of the set point between **RISING** or **FALLING**. Then press **ENTER** to confirm and go to the previous screen

```

>mA INPUT 1 SETPOINT CHANGE<
SET POINT (RISES TO 00500 %)
[RISES][__ ]%
USE NUMBER KEYS TO CHANGE, PRESS
ENTER TO ACCEPT OR BACK TO ERASE
LIMIT TIME
    
```

Pressure Setpoint Congifuration Procedure

Step 7:

Set the value of **DIFFERENTIAL** by using the number keys. Then press **ENTER** to confirm and go to the previous screen.

```
>mA INPUT 1 SETPOINT CHANGE<
DIFFERENTIAL 00020 %)
      [  ] %
USE NUMBER KEYS TO CHANGE, PRESS
ENTER TO ACCEPT OR BACK TO ERASE
LIMIT TIME
```

Step 10:

Repeat Steps 19 and 20 for the **LOW ALARM**. Press **BACK** to return the mA Input 1 Set Points.

```
>mA INPUT 1 SETPOINT CHANGE<
SET POINT
DIFFERENTIAL
HIGH ALARM
LOW ALARM
LIMIT TIME
```

Step 8:

Set the **HIGH ALARM** settings for **VALUE** (the reading that will give a High Alarm) and **NOTIFICATION**. Press **ENTER** to confirm and go to the previous page

```
>mA INPUT 1 HIGH ALARM<
V High Alarm 00020 %)
A      [  ] %
USE NUMBER KEYS TO CHANGE, PRESS
ENTER TO ACCEPT OR BACK TO ERASE
```

Step 11:

Set the value of **LIMIT TIME** by using the number keys. Then press **ENTER** to confirm and go to the previous screen. The Limit Time and the Alarm Notification will need to be set. Press **HOME** when finished to return to the HOME menu

```
>mA INPUT 1 SETPOINT CHANGE<
SET POINT
DIFFERENTIAL
HIGH ALARM
LOW ALARM
LIMIT TIME
```

Step 9:

Set the value of the **ALARM NOTIFY** by using the arrow keys. Then press **ENTER** to confirm and go to the previous screen.

Note: Display - will appear on controller display only, Remote - appears through email if controller is online, or both Dis/Remote.

```
>mA INPUT 1 HIGH ALARM<
V ALARM NOTIFY (OFF )
A      --> OFF
USE UP/DOWN KEYS TO CHANGE
PRESS ENTER TO ACCEPT
```

Note: If the Limit Time is met a relay activated by the 4-20mA input will be forced off until the Set Point has been satisfied and reset.