

SolidFlow

Monitoring of solids



Quick Start Guide



The menu is started by an invisible key in the bottom left hand corner of the touch-screen-panel. Now press approx. 5 seconds until the menu appears. If the temperature indication is activated, the button for the temperature indication is in the upper right corner, in this case must be changed into the temperature indication first, in order to be able to access the menu.

It is sufficient to carry out a two-point-calibration (normally min and max).

Min-Point Set Calibration Set point 1 to 0 (empty), when the mass flow is shut down and no material flow.

Max-Point Set Calibration Set point 2 to maximum flow rate with normal conveying and operation. (This value can be adjusted later on.)
Thus the basic function of the measuring system is given and it is now ready for operation.

4. Calibration

With and select according to your significance, with leave the menu without any change, with switch to a deeper menu level.

<u>4. Calibration</u>		
4.1 Cal. Factor	1.0	
4.2 Filter	0.1 s	
4.3 Aux. Points	2	
4.4 Calibration		

4.1 Calibration Factor

Global calibration factor of the measuring on the display and as well the output range from 0.01 to 9.99 - Setting is 1.0

With set the value to 0.0 to start enter the numbers of the measuring range, with transfer the entry and leave the menu level.

Calibration Cal.-Factor 1.0	7	8	9
	4	5	6
	1	2	3
	C	0	

4.3 Number of Calibration Points

Set the number of the auxiliary points:
2 ... 5 points.

With set the value to 0.0 to start enter the numbers of the measuring range, with transfer the entry and leave the menu level.

Calibration Segment Points 2	7	8	9
	4	5	6
	1	2	3
	C	0	

4.4 Calibration

With and select according to your significance, with leave the menu without any change, with transfer the entry and switch to a deeper menu level.

<u>4.4 Calibration</u>		
4.4.1 Val. P1	0.00	
4.4.2 Calibration P1		
4.4.1 Val P2	1.58	
4.4.2 Calibration P2		

4.4.1 Calibration Point 1 - Measuring Value

Measuring value in phys. units.
Range: Measuring start - Measuring end

With set the value to 0.0 to start enter the numbers of the measuring range, with transfer the entry and leave the menu level.

Calibration Calibration Point 1 0.0 kg/h	7	8	9
	4	5	6
	1	2	3
	C	0	

4.4.2 Calibration Point 1 - Raw Value

Indicate the initial value to the value displayed, if pressed . With leave the menu without any change.

<u>Calibration</u>		
Calibration Point 1		
0.015663		
Akt.: 0.015009		

All other points are calibrated as the first one.

4.4.3 Calibration Point 2 - Measuring Value

Measuring value in phys. units.
Range: Measuring start - Measuring end

4.4.4 Calibration Point 2 - Raw Value

Indicate the initial value to the value displayed.

Once you set your calibration points, achieve a two runs of material and note the results. Weigh your material and calculate the difference. Once you know the difference go to back to menu 4.1 and adjust in the difference in a percentage (1=100% and .10=10%).

Example: If your material is 10% over than the controllers reading change the Factor to 1.10. This will boost the reading up 10% to a total of 110%. Re-run your materail check the weight again and compare the result. If needed adjust ther Calibration Factor Again.

4.1 Calibration Factor

Global calibration factor of the measuring on the display and as well the output range from 0.01 to 9.99 - Setting is 1.0

With set the value to 0.0 to start enter the numbers of the measuring range, with transfer the entry and leave the menu level.

Calibration Cal.-Factor 1.0	7	8	9
	4	5	6
	1	2	3
	C	0	↵



GTS, Inc.
PO Box 799, Shalimar, FL 32579
Ph: 850-651-3388 Fx: 850-651-4777
Email: info@onthelevel.com
Website: www.onthelevel.com