INSTRUCTION
6280

Specification Model 6280_B_250

Power supply	15-24 V Ac/Dc
Power	50 mA
Range Selectable	Max range decides the scaling the following options are available +- 0-10,25,50,75,100,125,250 * Pa (other ranges/ available on request)
Output	Selectable 0-5, 1-5, 0-10, 1-10, 2-10 V, 4-20mA
Weight	345 g
Dimensions	125*90*60 mm
Media	Air/ Dry gas

Technology

6280 is a processor based transmitter. This gives the advantage of simple calibration and setup and as an added benefit no potentiometers that can add errors and drift. The sensor technology gives excellent long-term/ temperature stability.

Function: All settings are done with the help of the display and buttons. During normal operation the display shows the actual value.

Installation: Install the transmitter on a stable surface, vertical or horizontal. Connect the power supply and signal wires. See wiring diagram on last page. Connect hoses according to the following. The hose with the higher pressure to the port marked with a + and the one with lower pressure to the port marked with a -.

Setup: For setup press the Menu button, ConF is displayed, press Enter button to access this menu option. Select the desired menu value with the Enter button. press Enter to accept. Then press Menu until all menu items have been displayed.

Menu-system:

1: ConF

Unit	PASC, mb (mbar) inch (inch H20
Bidr	on/off Switches the sensor from Bi to Uni directional
bAUd	Baud rate
Addr	Address
StoP	Stop bits

2: CAL

OFFS Zero Calibration
SPAn Span Calibration
rELd Reload factory reset

3: OUtt

FiLt Display and Analogue damping
dIr Changes output from for ex 0-10 to 10-0
OUtt 0-10,0-5,1-5,2-10 volt 4-20 mA
rAnG 250,125,100,75,50,25,10

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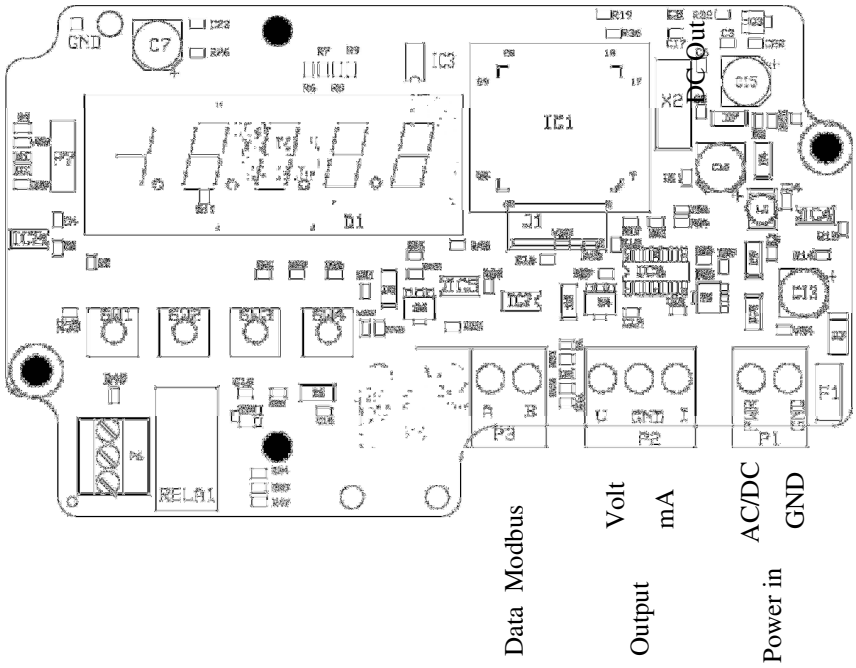
Calibration: Due to the special technique used in this instrument the instrument has a extremely low drift typical value is less than 1 pa/ year. But if you need to calibrate follow the following steps. Press menu button until OFFS is displayed, Press the – button until 0 is displayed then press the Enter button to confirm the calibration

SPAN calibration. Normally no need to perform but if, connect a reference instrument in parallel with the ports of the instrument, and adjust the 6280 with the +/- buttons until you have the same value on both instruments.

Settings: Range /out Measurement range and output is selected according to your needs. Confirm by pressing Enter button.

Maintenance: FlowGuard has by its selection of pressure transmitter and design minimal need of maintenance. Cleaning, when necessary wipe of and clean with some non-abrasive cleaner.
Flowstation can depending of type and location need cleaning. This can be done by removing it and cleaning it or by using compressed air and blowing through the holes. If the flowstation can handle detergents squirt inside the transmitter and the use compressed air to blow it clean. This is of course assuming its ok to do in the particulate installation. Make sure all detergents are removed from the inside of the flowstation to assure that no fluid or dirt is entering the sensor. It's also a good time to check the zero of the instrument and when needed zerocalibrate the instrument.

WIRING:



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