

Flow Guard 6280

- LED-Display for setup
- Easy to install and configure
- Accurate
- Flexible
- Field selectable output
- Field selectable unit
- Software configurable
- Volt and mA output
- Opt Auto calibration
- Opt Alarm relay
- Opt ModBus
- Opt Open Display

The FlowGuard 6280 is an advanced transmitter that is designed with the user and installer in mind. The 6280 eliminates many of the problems that traditional sensors suffer from and provides as much flexibility as possible. Another feature is that it's possible by simple configuration convert a bidirectional sensor to uni- directional by a simple menu option. To simplify the use the unit has many field selectable features such as, Unit (mBar, InchH2O and Pasc), Output (mA and Volt) and many different out put ranges, measuring range etc. To further reduce problems that many other "low cost" sensors has that use potentiometers and switches, the 6280 use display and push buttons. To further improve the already extremely accurate and long term stable sensor there is also the option auto calibration for applications where zero drift is not accepted, such in hard to reach locations. With the optional relays a simple alarm function can be achieved. The Modbus option is another feature that can create great cost reduction for many installations. Another cost saving is that bidirectional sensors can be changed to unidirectional mode. Sensor technology is based on a silicon based membrane and with capacitive technique that assures the accuracy and stability.

APPLICATIONS.

- Room pressure
- Flow measurement
- Static pressure
- VAV Boxes
- Clean rooms
- Alarm applications



SPECIFICATIONS.

Range*	
6280_B_2500	±2500
6280_1250	0-1250
6280_500	0-500 Pa
6280_B_250	± 250 Pa
6280_B_500	± 500 Pa
Total error*	± 0,5 pa typical(500/ B250 pa sensor)
Stability	Typ. >1 pa.(1 year)
Time constant	0.1 - 20 seconds
Output	0-5, 1-5, 0-10, 1-10, 2-10 V 4-20mA, 0-20 mA
Output Range	5,10,25,50,75,100,125,250,300,500 ± 5,10,25,50,75,100,125,250,300,500
Resolution	10 bit digital output
Supply	15-24 V AC/DC, 50 mA
Operating temp	-10C- +60 C
Storage Temp:	-40C -+50C
Housing	Aluminium
IP rating	IP 65 with mounted seal
Media	Air/ dry gases
Dimension	125x90x60 mm
Weight	530 g
Pressure connector	Dy 5 mm

All models are available with Inch Specification subject to change without notice. *Other ranges and options available, all sensors have a number of sub settings depending on main range. User can specify new ranges when ordering
*Temperature effects not included. (will be presented shortly)

OPTIONS

6280R	High and low alarm relay and Modbus
6280Z	Automatic calibration and Modbus
6280M	Modbus
62800	Open display

Ordering

6280_B_Z_R_250 6280 with Auto-calibration, relay bidirectional sensor 250 pa
6280_B_O_250 6280 Bidirectional 250 pa sensor Open display

6280_Z_500 6280 Auto calibration 500 pa sensor

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