

Characteristics

Unless otherwise specified, all parameters are measured at 25 °C and 60% RH

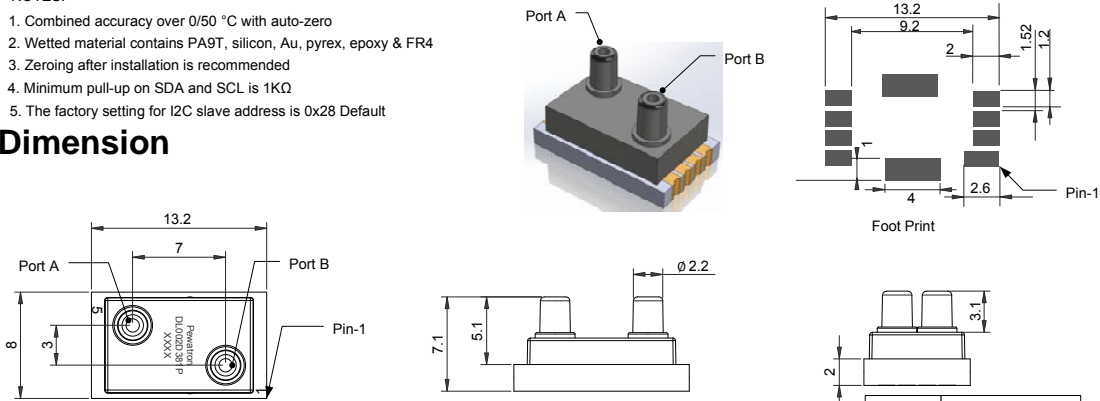
Preliminary

Parameters	Min	Typ	Max	Unit
Excitation	3 Vdc @ 5 mA (2.7 – 5.5 Vdc)			
Pressure range	-150		150	mbar
Zero Output (0 mbar)		2000		Hex
Full Scale Output (-/+150 mabr)		666/3999		Hex
Accuracy(25°C)		0.5		%FS, +1LSB
Accuracy(0/50°C) ¹		1.5		%FS, +1LSB
Accuracy(-5/55°C)		2.5		%FS, +1LSB
System Frequency		100		MHZ
Update Rate ⁶		1		ms
Temp - Compensating	0		50	°C
Temp - Operating	-20		+80	°C
Temp - Storage	-40		+125	°C
Over Pressure	3X			FS
Burst Pressure	6X			FS

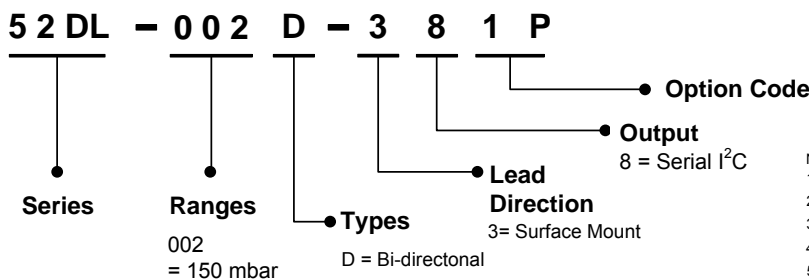
NOTES:

1. Combined accuracy over 0/50 °C with auto-zero
2. Wetted material contains PA9T, silicon, Au, pyrex, epoxy & FR4
3. Zeroing after installation is recommended
4. Minimum pull-up on SDA and SCL is 1KΩ
5. The factory setting for I2C slave address is 0x28 Default

Dimension



Ordering Information



Pin #	Description
1	SDA
2	SCL
3	EOC
4	N.C.
5	OUT
6	N.C.
7	VDD
8	GND

Notes:

1. Port B is used for positive differential or gage
2. All dimensions are mm
3. Soldering of lead pins: 250 °C for 5 sec max.
4. N.C. pins must be left floating
5. Pull-up on SCL and SDA is 1KΩ min.
6. A 0.1 uF capacitor must be connected between VSS and VDD, and closing to the sensor

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12-18 R0

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