

TERRANOVA Model 808

Silicon Diaphragm Vacuum Sensor



The Terranova Model 808 Silicon Diaphragm Vacuum Sensor provides a low cost alternative for gasspecies-independent pressure measurement over a 3 ½ decade range.

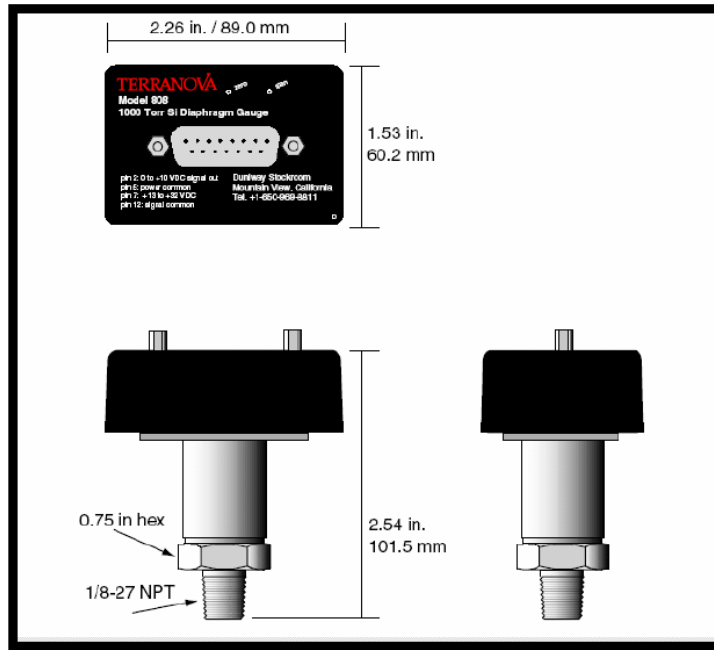
- Small Size (1.5"W x 2.2" L x 2.0"H)
- Gas-Species Independent
- Low Cost
- Good Accuracy, Repeatability
- Compatible with CDG Controllers
Vacuum Surfaces Inert

Ideally suited for use with the Terranova 809 Diaphragm Gauge Controller. Also, when used with the Terranova 908A Dual Capacitance Diaphragm Gauge Controller or the Terranova 907 Hybrid Gauge Controller, this new sensor provides a complete rough vacuum/precision backfill system with good accuracy and repeatability. Use the Terranova 808 in applications where processes require inert surfaces and gas species independence at low price.

- Part # **808-1000-NPT** - Pressure Range: 0.5 torr to 1000 torr
- Part # **808-C100-NPT** - Pressure Range: 50 mtorr to 100 torr
 - Accuracy: 2% of Full Scale
 - Input Voltage +13 to +32 VDC
 - Output Voltage: 0-10 VDC; Output Resistance: 500 ohms
 - Flange: 1/8 NPT
 - Electrical Connection: D-15 Male – Industry Standard CDG Pin Assignments
 - Adjustments Zero and Span



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Terranova 808 Dimensions

<u>Tube Pin</u>	<u>Signal</u>
Pin 2	0-10 VDC Signal Out
Pin 5	Power Common
Pin 7	+13 to +32 VDC
Pin 12	Signal Common

**Duniway 808 Si Diaphragm Pin Connections
15 pin 'D' Connector**