



PROVAC

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Terranova 809

Technical Specifications

Useful Measuring Range	3 decades; for diaphragm gauges with full scale of 100 mTorr to 1000 torr; decimal point selection is entered on the front panel by the user
Display Range	1 mTorr to 1000 torr; pressures higher than 1000 torr displays HI
Accuracy of Gauge Interface	The 809 incorporates a high-resolution input circuit which allows the use of the diaphragm manometer over 3 decades.
Input to the 809 Controller	0 to 10 volts for full scale of the gauge
Units of Display	Torr
Vacuum Gauge	one diaphragm manometer
Operating Temperature Range	36°F to 122°F (+2°C to +50°C)
Pressure Display	3+ digit 7-segment bright red LED, 10 mm high
Display Indicators	bright red individual LED for miscellaneous indicators; 7-segment LED for digits
Adjustments	Zero, span, set-point value, decimal point position
Process Control Set Point	One relay, 2 amp @ 30 VAC Resistive 1 amp @ 120 VAC Resistive 0.5 amp @ 240 VAC Resistive
Nonvolatile Memory	for all user specified parameters
Analog Output	0 – 10 volts DC
Power Requirement	100-240 VAC, 47-63 Hz
Weight	1 lb. / 0.5 kg
Mounting	brackets are provided for panel mounting



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Features & Benefits

- covers gauges with full scale of 100 mTorr to 1000 Torr
- supplies ± 15 volts to operate un-heated diaphragm gauges
- simple to operate
- low cost of ownership
- process control set point relay has an isolated output
- gas-species independent readings
- one process control set point
- calibrated linear analog output
- interfaces to many diaphragm gauges

Dimensions

