



Terranova[®] Model 906A

Convection Gauge Controller



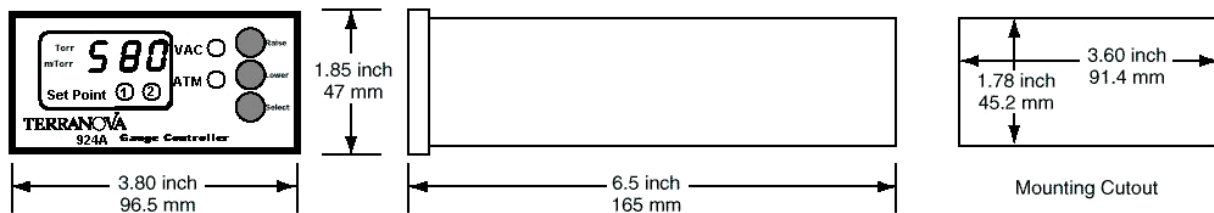
The Terranova Model 906A displays pressure from a single convection type gauge. Major features include:

- Low Cost
- CE Compliant, UL Listed
- 1/8 DIN Package
- Two process control set points
- RS-232 serial input/output
- Universal Power Supply
- Choice of Sensor Response Curves
- Covers 0.1 mTorr to 1000 Torr
- Calibrated logarithmic analog output
- Uses standard convection sensors:
CVT-275-101 -or-
GP-275 Convection[®]

Specifications

Measuring Range	0.1 mTorr to 995 torr, for air or nitrogen; (10^{-4} Torr to 103 torr); pressure range selection is automatic
Display Range	-29 mTorr to 995 torr; pressures lower than -29 mTorr display LO ; pressures higher than 995 Torr display HI ; if cable is not plugged in display shows OFF
Units of Display	Torr or mbar; specify at time of ordering
Vacuum Gauge Sensor	uses CVT-275-101 or GP-275 CONVECTRON® gauge;
Operating Temperature Range	36°F to 122°F (2°C to +50°C)
Pressure Display	3-digit bright red LED, 10 mm high
Display Indicators	bright red LED for UNITS, VAC, ATM, SET PT 1, SET PT 2
Process Control Set Points	two, set by front panel pushbuttons; two relays, contacts rated 2 amp/240 VAC, 30 VDC; +5 volts is provided for TTL applications; D15 accessory connector
Analog Output	calibrated logarithmic, 0.50 volts/decade
RS-232 Input/Output	Allows user to read pressure and set points; 9600 baud
Input Voltage	universal input, 85 - 265 VAC, 30 VA
Weight	1 lb. / 0.5 kg
Mounting	Side clips are provided for panel mounting in standard 1/8 DIN cutout

Dimensions – standard 1/8 DIN enclosure



Model 906A (1/8 DIN) External Dimensions