

CONVECTION ENHANCED PIRANI GAUGES

375 Series Panel Mount / Benchtop Gauge Controller



Kurt J. Lesker[®]
Company

VACUUM MART[™]
DIVISION

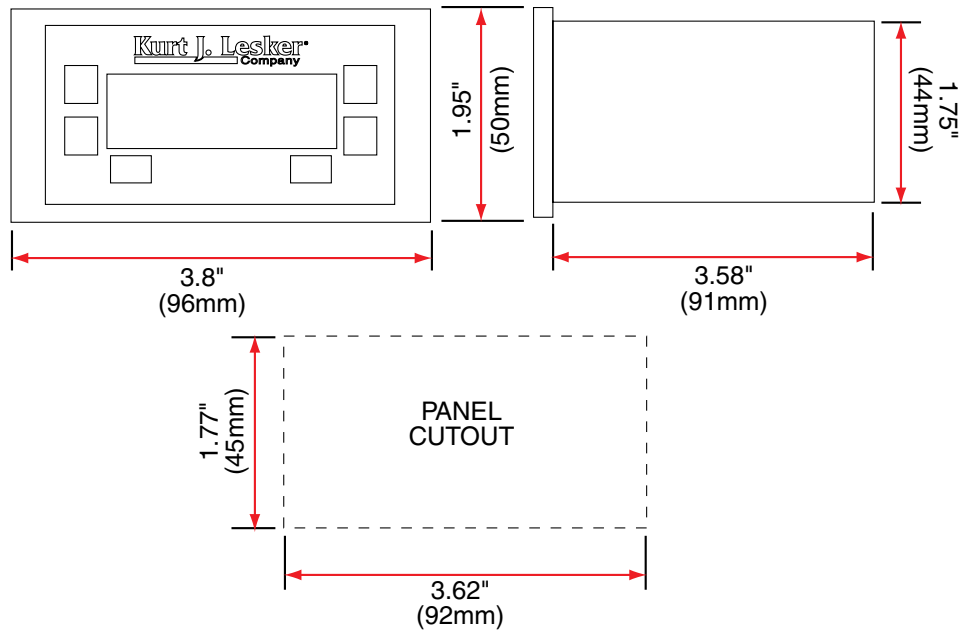
Features

- Remote Panel mount or bench top controller for the Convection vacuum gauge tubes
- Wide measurement range lets you monitor your vacuum system from 10⁻⁴ to 1000 Torr with a single gauge
- Includes built-in digital display, two set-point relays, user-selectable analog outputs, and RS232/485 interfaces
- Compatible with KJL 275 or your existing Granville-Phillips[®] Convectron[®] gauge tubes

Benefits

- Convenient and inexpensive power supply and readout instrument
- 1/8-DIN housing can be used as a bench top or a panel mount instrument
- Signals and relay functions are the same as found on similar convection gauge controllers from other manufacturers
- The KJL 375 controller, KJL 275 gauge, and gauge cable can be directly interchanged with Granville-Phillips[®] 375 controller, 275 Convectron[®] gauge, and gauge cable (Remote interface, relay, and power connectors are different.)

www.lesker.com



Dimensions Approximate

Specifications

Measurement Range (Signal)	1.0 X 10 ⁻⁴ To 1000 Torr / 1.3 X 10 ⁻⁴ To 1333 mbar / 1.3 X 10 ⁻² Pa To 133 kPa
Display	OLED, 4 Digits, User-Selectable Torr, mbar, Or Pa, (4 Digits From 1100 Torr To 1000 Torr), (3 Digits From 999 Torr To 10.0 mTorr), (2 Digits From 9.9 mTorr To 1.0 mTorr), (1 Digit From 0.9 mTorr To 0.1 mTorr)
Display Engineering Units	Torr, mbar, Or Pa - User Selectable
Display Update Rate	0.5 Sec
Weight	9 oz (250 g)
Operating Temperature	0 To +40° C
Storage Temperature	-40 To +70° C
Humidity	0 To 95% Relative Humidity, Non-Condensing
Analog Output (User-Selectable)	A) Non-Linear S-Curve 0.375 To 5.659 Vdc, Or B) Linear 0 To 10 Vdc - User Scalable, Or C) Log-Linear 1 To 8 Vdc, 1V/Decade
Serial Communications	RS232 And 2 Wire/4 Wire RS485 - ASCII Protocol
Housing	1/8-Din Panel-Mount Enclosure
Input Power	12-28 VDC, 2 W, protected against power reversal and transient over-voltages
Setpoint Relays	Two Single-Pole Double-Throw Relays (SPDT), 1A At 30 Vdc Resistive, Or Ac Non-Inductive
Connectors	Gauge: 9-Pin D-Sub Female Analog Output And Digital Interface: 9-Pin D-Sub Male Relay Outputs: 6-Pin Pluggable Terminal Block Power: Pluggable Terminal Block DC
RF/EMI Protection	CE Compliant
Environmental	RoHS Compliant

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