



Televac CC-10 Active Gauge

Technical Specifications

Operating Specifications¹

Operating Range	1 x 10 ⁻⁹ Torr to 1000 Torr
Communications	RS-485
Analog Output	0 V to 10 V linear/logarithmic
Programmable Set Points	3 relays
Supply Voltage	+22 V DC to +26 V DC
Maximum Power	8 W
Calibration Medium	Dry air or nitrogen
Overpressure	150 psi
Digital Output Resolution	2 significant digits with exponent
Analog Output Resolution	16 bits
Operating Temperature	0 °C to 50 °C
Storage Temperature	-40 °C to 85 °C
Bakeout Temperature	120 °C (electronics removed)
Response Time	≤ 500 ms
Accuracy	
10 ⁻⁹ Torr to 10 ⁻¹ Torr	±0.2 of decade
10 ⁻¹ Torr to 200 Torr	±15% of reading
200 Torr to 1000 Torr	±5% of reading
Analog Output	±10 mV
Display Readable Distance	4 m (13 ft)

Physical Characteristics

Enclosure Material	Metallized plastic
Electrical Connections	D-Sub 15-pin male
Weight with Sensor	698 g (1.54 lbs) (NW25 Flange)
Weight without Sensor	355 g (0.78 lbs)
Dimensions	3.7" x 2.75" x 6.3" (NW25 Flange)

Materials Exposed to Vacuum

Molybdenum
Glass
Copper
Stainless Steel
Gold
Chromium
Solder
Fluorocarbon Elastomer
Quartz





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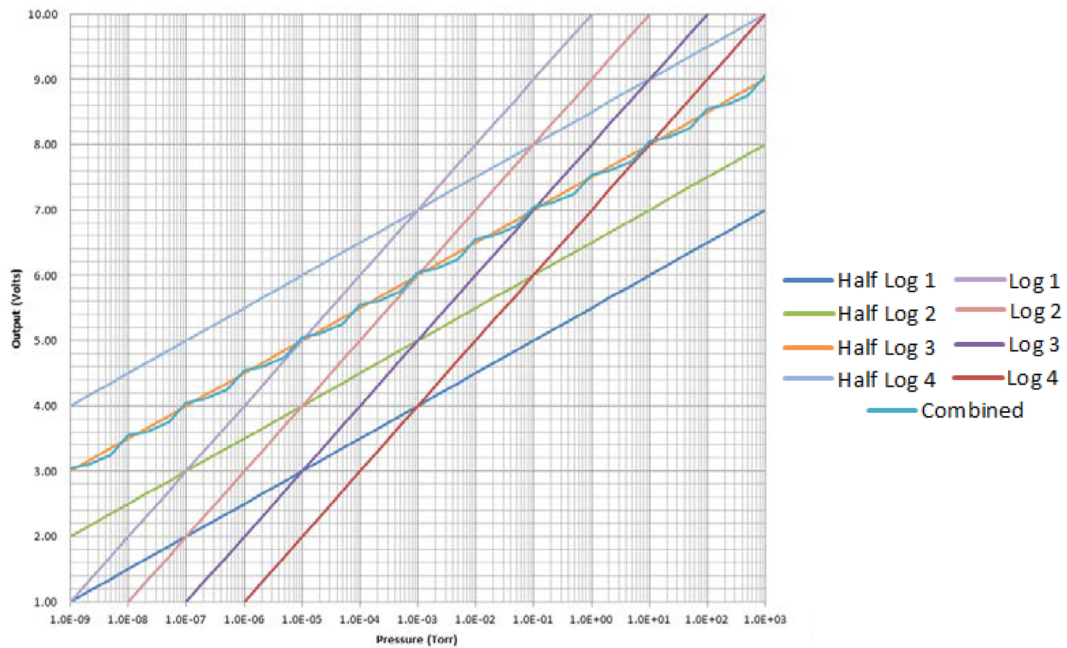
SALES

PHONE: 831-462-8900

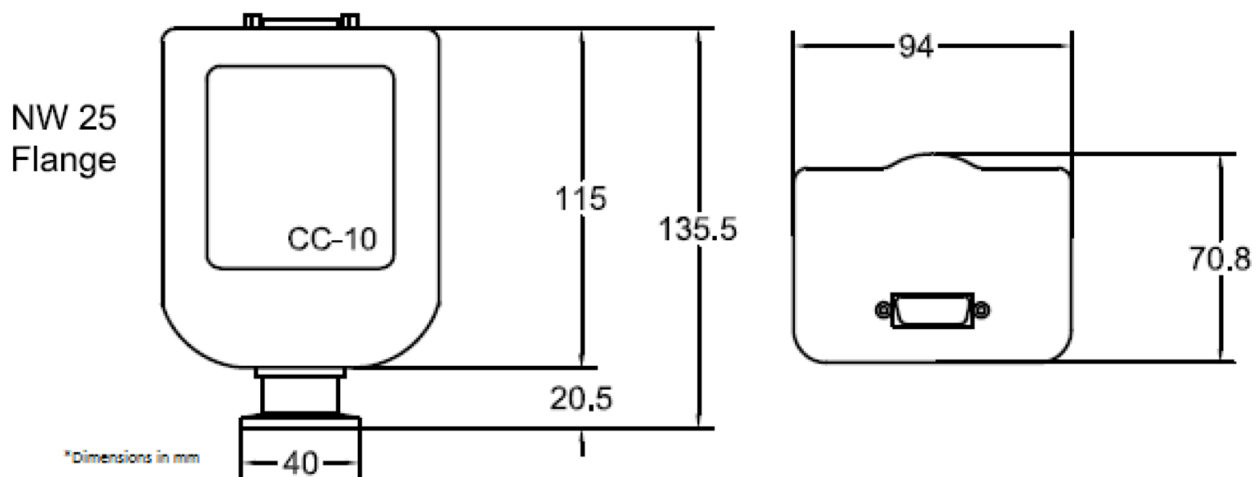
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Televac CC-10 Active Gauge Analog Output Behavior



Dimensions





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Televac CC-10 Active Gauge Features & Benefits

- seamless measurement of 12 decades of pressure
- utilizes dual sensor technology to replace multiple conventional vacuum gauges
- wide range of measurement
- RS-485 communications
- 3 programmable set points
- selectable analog output
- bright LED display
- simplicity of use

Applications

- laboratories • universities • research & development • load-lock