



Series 945 Controller

Measurement Range	1.0×10^{-4} to 100 Torr 1.0×10^{-4} to 130 mbar 1.0×10^{-2} to 1.3×10^{-4} Pascal 1.0×10^{-1} to 1.0×10^{-5} microns
Set Point Range	2.0×10^{-3} to 99 Torr 2.7×10^{-3} to 130 mbar 2.7×10^{-1} to 1.3×10^{-4} Pascal 2.0 to 9.9×10^{-4} microns
Resolution	1% of indicated decade, 10% of decade for pressures less than 10^{-3} Torr
Operating Temperature Range	5° to 40°C (41 ° to 104°F)
Relative Humidity	80% maximum for temperatures less than 31°C, decreasing linearly to 50% maximum at 40°C
Altitude	2000 m maximum
Insulation Coordination	Overvoltage Category II Pollution Degree 2
Output Voltage	0.20 to 3.25 VDC, buffered analog, 1kW maximum output impedance
Set Point Relays	2 independently set, SPDT contacts, resistive load; 1 A @ 24 VAC/DC
Set Point Response	150 msec maximum
Power Requirements	90 to 130 VAC, 50/60 Hz, 9 W 210 to 250 VAC, 50/60 Hz, 9 W
Weight	2.2 lb (1.0 kg)
CE Certification	89/336/EEC EMC Directive 73/23/EEC Low Voltage Directive