



Televac MX7B Active Gauge

Technical Specifications

Operating Specifications

Operating Range	1x10 ⁻⁸ Torr to 1x10 ⁻³ Torr
Display	OLED
Digital Communications	RS-485, USB (micro)
Analog Output	Configurable 0 to 10 V DC
Programmable Set Points	2
Set Point 1	Open collector
Set Point 2	Relay
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	3 significant digits with exponent
Analog Output Resolution	16-bits
Operating Temperature	0 °C to 50 °C
Storage Temperature	-20 °C to 60 °C
Bakeout Temperature	120 °C
Response Time	≤ 150 ms
Accuracy	
1x10 ⁻⁷ to 1x10 ⁻³ Torr	±30% of reading
Analog Output	±10 mV
Display Readable Distance	3 m (10 ft)

Physical Characteristics

Enclosure	Aluminum
Weight with Sensor	1 kg (2 lbs)
Weight without Sensor	0.3 kg (0.6 lbs)

Materials Exposed to Vacuum

Brass
Stainless Steel
Tophet
Kovar
Ceramic
Glass
Fluoropolymer Elastomer
Nickel
Solder





PROVAC

SALES

PHONE: 831-462-8900

FAX: 831-462-3536

WWW.PROVAC.COM

Televac MX7B Active Gauge Features & Benefits

- utilizes a cleanable 7B Penning mag-netron cold cathode
- wide range of measurement
- RS-485 digital communications
- micro USB port
- two programmable set points
- configurable analog output
- bright color OLED display
- simplicity of use
- ease of sensor cleaning
- designed for use with MX2A and MX4A active gauges

Applications

- heat treatment • vacuum furnaces • thin film deposition • coating

Dimensions

