

FLAMEPROOF DIGITAL VACUUM INDICATOR

Flameproof Vacuum Transmitter

(MODEL AI-VAC-ABS-1-FLP)



FLP Vacuum Indicator Controller

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The Ace Instruments make Flameproof Digital Vacuum Indicator Controller is a state of the art microcontroller based vacuum measurement instrument with an External Flameproof Vacuum Transmitter.

Various vacuum ranges & applications available lend it great flexibility to measure vacuum in Gauge (0 to 760 mm.Hg.), Absolute (760.0 to 0.1 Torr) & Compound Ranges (-1 to +2 Bar & others).

SPECIFICATIONS

Vacuum Measuring Range (Choose Any One)	: Absolute 760 TO 0 Torr Absolute 760.0 to 0.1 Torr Absolute 1013 to 0 mBar Gauge 0 to (-)760 mm. Hg. Compound Range (-)1 to +1 Bar , (-)1 to +2 Bar , (-)1 to +4 Bar Compound
Display	: 4 Digit ,7 Segment , 1" High Red L.E.D. Display
Resolution	: As per range selection
Power	: Instrument : 230 Volts A.C. , Single Phase Transmitter : 24 V.D.C. (Provided in Instrument)
Accuracy	: +/- 0.5% of Full Scale
Size	: Instrument Enclosure is in Certified Flameproof Aluminium LM-6 Body of Size 350 x 185 x 130 mm. (L x B x D) Vacuum Transmitter is in Flameproof Certified Enclosure with S.S. ½" BSP Male Threaded End
Transmitter Output	: 4-20mA , 2 Wire
Control Output (Optional)	: Upto 2 Relay Outputs, Rated 5 Amps at user settable limits from front push buttons
Optional Output	: 4-20 mA Retransmission corresponding to input range
Optional Communication	: RS 485 Modbus RTU Protocol communication for SCADA / Data Loggers / Recorders



ACE INSTRUMENTS

(An ISO 9001-2008 Certified Company)

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