

**Description & Features:**

- Very low pressure differential pressure gauge with optional transmitter output
- Able to handle both unidirectional or bidirectional ranges
- Available ranges from very low vacuum pressures to 20"H₂O (1,000 Pa)
- Multiple pressure unit options
- $\pm 1\%$ or $\pm 2\%$ accuracy depending on pressure range
- Powered by 3V battery or 24VDC power supply
- Multi-function features including low/high alarm with light
- Reverse polarity protection included
- Installation screws, mounting brackets and clear tubing included
- CE mark
- 5 Year Warranty

Applications:

- Low pressure differential monitoring for air and non-combustible gases including filters, blowers, vacuums, air handlers and clean rooms offering both local LCD and analog connection to the building automation system (BAS)

Specifications

Output Signal	Display only, 3V (2 AA batteries) 4...20 mA, 2-wire / Vs = 12-28 Vdc 0...10 Vdc, 3-wire / Vs = 12-28 Vdc RS485 / Vs = 12-28 Vdc
Accuracy	$\pm 1\%$ Full Scale (>100 Pa/ 0.4"H ₂ O) or $\pm 2\%$ Full Scale (≤ 100 Pa/ 0.4"H ₂ O)
Long-Term Stability	$\pm 0.5\%$ Full Scale (typically per year)
Overload Pressure	7 kPa (<2 kPa range), 5 x range (≥ 2 kPa range)
Current Consumption	<0.2 mA
Response Time	500ms
Storage Temperature	0° to 40°C (-40° to 104° F)
Operating Temperature	-20° to 80° C (-4° to 176° deg F)
Reverse Polarity Protection	Yes
Enclosure Rating	IP54
Housing	PA 66 (engineered thermoplastic)
Process Connections	3 x 5mm (ID @ 3mm, OD @ 5mm)
Acceptable Process Media	Clean air and non-combustable gases
Weight	250 grams (8.8 pounds)
Product Certification	CE

LFD