



Description & Features:

- Low pressure differential transmitter with LCD option
- Monitors and measures positive, negative and differential pressure types
- Highly sensitive pressure sensors offer quick measurement and long term stability
- Suitable for clean, non-flammable or corrosive gases
- $\pm 1\%$ Full Scale Output
- UL94-V0, flame retardant standard
- Electromagnetic protection
- 5 Year Warranty

Applications:

- Ideally suited for the pressure and differential pressure measurement of air and non-corrosive gases within HVAC control systems, including ventilation monitoring, fan control, furnace ventilation and clean rooms

Specifications

Output Signal	4...20 mA, 2-wire 0...10 Vdc, 3-wire RS485, Modbus-RTU
Power Supply	15~30 Vdc / 15~26 Vac
Load Resistance	<750 Ω
Accuracy	$\pm 1\%$ Full Scale Output
Overload Pressure	10 times full-scale pressure
Burst Pressure	15 times full-scale pressure
Long-Term Stability	$\pm 0.01\%$ FSO / $^{\circ}\text{C}$
Response Time	1s
Operating Temperature	-10 to 85 deg C (14 to 185 deg F)
Compensation Temperature	-10 to 60 deg C (14 to 140 deg F)
Enclosure Rating	IP54
Enclosure Protection	ABS & Polycarbonate (versatile thermoplastic known for its strength and impact resistance) UL94-V0, flame retardant standard
Process Connection	2 x 6mm (0.24") Outer Dimension

Wiring Diagram

Output signal	Schematic diagram of wiring	
4-20mA (two-wire)		Red line: 24V+ Black line: Signal+
0-10V (three-wire)		Brown line: 24V+ Black wire: 24V- Blue line: Signal+
RS485 communication		Brown line: 24V+ Black wire: 24V- Blue line: RS485+ Green line: RS485-

