

WEATHERPROOF DIFFERENTIAL PRESSURE TRANSMITTER

Special Features :

Compact Design with Piezo Resistive Sensor

$\pm 0.25\%$ Accuracy

IP 65 Enclosure

4-20 mA or 0-10 VDC Output

Application :

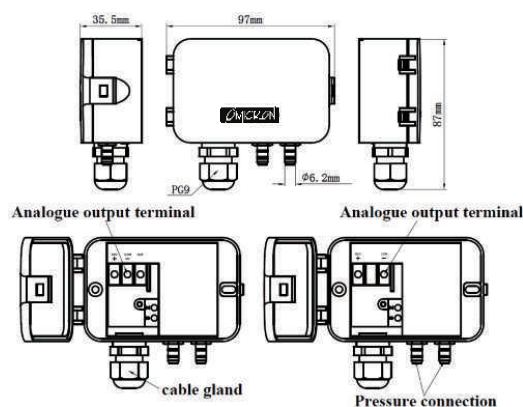
DP Filter Status, Duct Static Pressure, Fan and Blower Pressure, Paint Booths, Dust Collectors, Glove Box Pressure, Bubbler Systems, Cabinet Purging.



Performance Specifications:

Maximum Pressure	: Ranges 5 PSI (35 kPa) = 15 PSI (100kPa) Max Ranges > 5PSI (35 kPa)= 30 PSI (200 kPa) Max
Media Compatibility	: Air and compatible non combustible, non corrosive gasses
Accuracy	: $\pm 0.25\%$ F.S
Temperature Ranges	
Operating	: -10° to 155°F (-25° to 70°C)
Thermal Effect	: $\pm 0.028\%$ FS/ $^{\circ}\text{F}$ ($\pm 0.050\%$ / $^{\circ}\text{C}$)
Stability	: $\pm 0.25\%$ FS/year
Output Signal	: 4-20 mA, 2 wire or 0-10VDC, 3 WIRE
Loop Resistance	: $250\ \Omega$ 24 VDC
Power Supply	: 12-30 VDC
Enclosure Rating	: IP 65
Housing	: Fireproof ABS, UL94V0
Electrical Connections	: Screw terminals
Electricity Entry	: PG7 cable gland
Process Connections	: Barbed fittings for 3/16" flexible tubing
Agency Approval	: CE, ROHS
Calibration Protocol	: COML

Dimensions:



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HOW TO ORDER

Basic Model:

S323

Pressure Range:

251G

101G 0-100Pa	251G 0-250Pa	501G 0-500Pa
751G 0-750Pa	102G 0-1000Pa	152G 0-1500Pa
202G 0-2000Pa	252G 0-2500Pa	302G 0-3000Pa
502G 0-5000Pa	752G 0-7500Pa	103G 0-10000Pa
051D -50 to 50Pa	101D -100 to 100Pa	251D -250 to 250Pa
501D -500 to 500Pa	102D -1000 to 1000Pa	252D -2500 to 2500Pa
502D -5000 to 5000Pa	103D -10000 to 10000Pa	

Output

AL

AL 4~20mA VL 0~10 VDC VZ 0~5 VDC

Odering Example : S323-251G-AL



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