

APPLICATIONS

- **Flow Measurement:** Monitors gas flow rates in pipelines and HVAC systems, dust collectors, furnace drafts and orifice plates.
- **Cleanroom Control:** Maintains pressure differentials in cleanrooms and biological safety environments to prevent contamination.
- **Medical Devices:** Ensures accurate operation in medical and pneumatic machines.



Differential Pressure Sensor

KEY FEATURES

- **3-in-1:** Combines gauge, switch, and transmitter
- **Setpoint:** High and low setpoints adjustable.
- **High Accuracy:** $\pm 2\%$ FS gauge, $\pm 1\%$ FS switch/transmitter
- **Flexible Outputs:** Multiple ranges and RS485/Modbus



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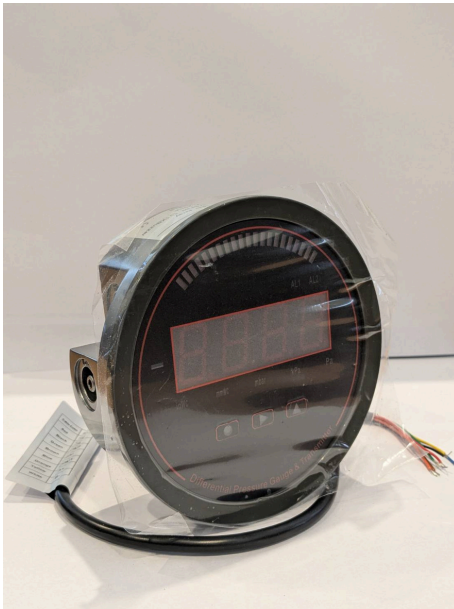


Differential Pressure Sensor



SPECIFICATIONS

- **Service:** Air/non-combustible gases
- **Temp Range:** -7°C to 60°C
- **Power:** 1628VAC/1635VDC or 85~265VAC
- **Gauge Accuracy:** ±2% FS
- **Switch Output:** 2×SPST, 3A×30VDC/250VAC
- **Transmitter Output:** 0-10V, 420mA, RS485
- **Housing:** IP67 (front), IP30 (back)
- **Weight:** 0.81 kg
- **Certification:** CE



KEY FEATURES

- **Rugged:** IP67 front protection
- **User-Friendly:** Easy settings via knob and RS485
- **Process Outputs:** Relays, audio visual alarms, digital, analog signals for further processing



Measuring Ranges

Code	Pa	Code	in wc	Code	mm wc	Code	kPa
01**	0~60	11**	0~0.25	21**	0~6	05	0~1
02*	0~125	12*	0~0.50	22*	0~10	06	0~2
03	0~250	13	0~1	23	0~25	07	0~5
04	0~500	14	0~2	24	0~50	08	0~10
0A**	-30~30	1A**	-0.125~0.125	25	0~100	Code	in wc
0B*	-60~60	1B*	-0.25~0.25*	Code	cm wc	15	0~4
0C*	-125~125	1C	-0.5~0.5	36	0~20	16	0~8
				37	0~50	17	0~20
				38	0~100	18	0~40

Accuracy of gauge: ** 4%; * 3%; Others 2%.

Accuracy of the electrical switches and transmitter: 1% FS.

