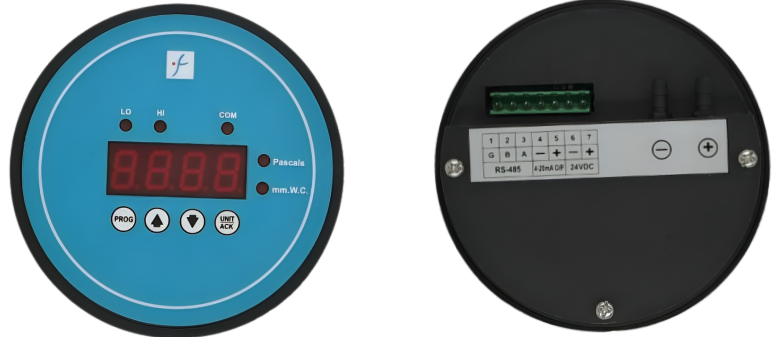




DPTA11

DIFFERENTIAL PRESSURE TRANSMITTER

Introducing the Futuristic Differential Pressure Transmitter DPTA11. It is applicable in diverse settings such as laminar air flow cabinets, clean rooms, biosafety cabinets, and air handling units (AHU) and more.



Particularly suited for critical environments, it incorporates a built-in sensor and a buzzer alarm system with acknowledgment functionality to promptly signal any process violations. It also showcases a 4-digit LED display.

FEATURES

- Unit conversion at the press of a key (between mm. w.c. & pascals)
- Integrated buzzer alarm for set point violation
- Offset provision to meet audit requirements
- Analog 4-20ma output
- 30 mm. depth for clean room modular wall fitment
- RS 485 modbus communication for BMS / SCADA / PLC integration

SPECIFICATIONS

Pressure Measuring Range	-10.0 to +10.0 mm.W.C./ -25.0 to +25.0 mm.W.C./ -50.0 to +50.0 mm.W.C. / 0.0 to +100.0 mm.W.C./ -100 to +100 Pascals/ -250 to +250 Pascals 0 to 10, 25, 50, 100, 200, 300, 500, 1000 Pascals (Other ranges also available)
Maximum Over Pressure	2 Times The Rated Pressure
Resolution	0.1 inchW/c
Display	Integrated 4 Digit Red Led 7 Segment Display 0.5" High
Power	24 Volts D.C. Typical
Medium	Air Or Gases (Non Corrosive)
Maximum Temp Range	0 to 60 Deg.C
Accuracy	+/- 0.5% Of Full Scale
Alarms	Built In Buzzer Alarm For Process Violation Alert
Connection	2 Nos. Hose Nipples of 4mm. ABS Plastic at the back
Sensor	Integrated High Speed Differential Pressure Sensor
Communication	RS 485 Modbus Protocol
Construction	Matte Finish ABS Plastic Enclosure
Output	Optional 4–20 Ma Isolated

ORDERING CODE

Differential Pressure Transmitter	DPTA11		
Range	XXXX	B10	±10mm / ±100 Pa
		B50	±50mm / ±500 Pa
		B100	±100mm / ±1000 Pa
		010	0 to 10mm / 0 to 100 Pa
		050	0 to 50mm / 0 to 500 Pa
		0100	0 to 100mm / 0 to 1000 Pa
		ZZZ	Any other Special range
Output	XX	NN	None
		mA	4-20mA
Comm. Port	X	N	None
		1	RS485, Modbus
Display	XX	NN	Without display
		D1	4 Digit LED Display



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