



Positive & Negative Pressure Monitoring Sensor

Revision Date: 9/23/2025
Use Status: In Use

Description:

This sensor is used to measure the pressure differential between two points, such as between a room and the hallway. It reads out in positive INCHES OF WATER.



Rees Info	
General Info	
Centron Input Number	1.0
Centron 1	
TestWireless Reads	4-20 mA
Workstation Reads	Linear Transducer
Is it 4-20mA?	Yes
M Value	0.251
B Value	-0.75
Units	in. W.C

Power	
Supply Voltage (VDC) Min	9.0
Supply Voltage (VDC) Max	30.0
Supply Current (mA) Min	4.0
Comes with Transformer	False

Physicalities	
Height (inches)	5.0
Width (inches)	2.75
Depth (inches)	2.25
Weight (lbs)	0.625
Color	Black
Material	Fire-Retardant Glass Filled Polyester (UL 94 V-O Approved)
Mounting Information	4 screw holes on removable zinc plated steel base (designed for 2.75" snap track)
Is probe removable?	False

Sensor Info	
General Info	
Operating Temperature Min (C)	-18.0
Operating Temperature Max (C)	79.0
Storage Temperature Min (C)	-54.0
Storage Temperature Max (C)	121.0
Media Types	Air, non-conducting gases
Rees Calibrated	False
Factory Calibrated	True
Factory Calibration Info	Factory set to specified range. Externally accessible for fine adjustment. Non-interactive.
Site Calibrated	False
Types of Measurands	Pressure
Measurands	
Pressure	
Measurement Min	-0.5
Measurement Max	0.5
Measurement Units/Information	in. W.C.
Accuracy	+ - 0.25% of full span output
Output	4-20 mA
Additional Detail	Bidirectional Sensor

Related Parts	
TUBE1717	3/16" Neoprene Tubing
SUB-PSTR-PORTS	Differential Pressure Tubing and Pressure Ports
.DP-PORT-SS	Stainless Steel Single Gang Pressure Port
.DP-PORT-SSFM	Stainless Steel Single Gang Flush Mount Pressure Port