

PRESURA™ Model 8630-SM Room Pressure Monitor

Description

The Model 8630-SM PRESURA Room Pressure Monitor is designed to measure the pressure differential in hospital rooms.

The 8630-SM measures the actual room pressure differential using TSI's unique, bi-directional pressure sensor. If the pressure differential is too great, too small, or the wrong direction, the Model 8630-SM will activate audible and visual alarms.

The Model 8630-SM features adjustable alarm delays to avoid nuisance alarms. When the room is unoccupied, the Model 8630-SM can be changed to no isolation mode, de-activating all alarms.

The Model 8630-SM easily integrates to the building management system using a low alarm relay and an analog output of the measured pressure differential.



Benefits

- Meets CDC Guidelines for Preventing the Transmission of Mycobacterium Tuberculosis in Health-Care Facilities, 1994
- Stand-alone room pressure monitor verifies system operation
- Direct pressure measurement provides continuous monitoring
- Audible and visual alarms warn staff of unsafe conditions
- Convenient keypad and display support local programming
- Passwords prevent unauthorized access to monitor functions

Selection Chart

	8630-SM
Positive, Negative, and No Isolation Modes	•
Low Alarm Contact	•
Key Switch Input	•
Analog Pressure Output	•

Items Included

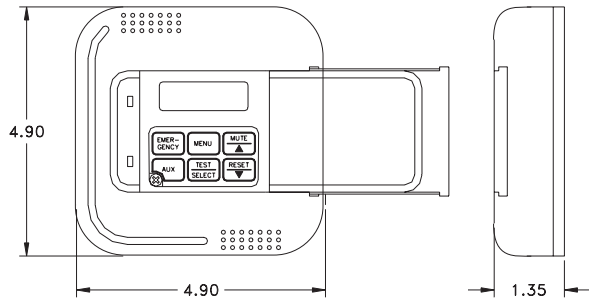
Digital interface module
Through-the-wall pressure sensor
Sensor cable, 25 ft
Transformer, 120:24 VAC, 25 VA
Transformer cable, 25 ft

Hardware Options

Remote audible alarm
Positive/negative/no isolation key switch

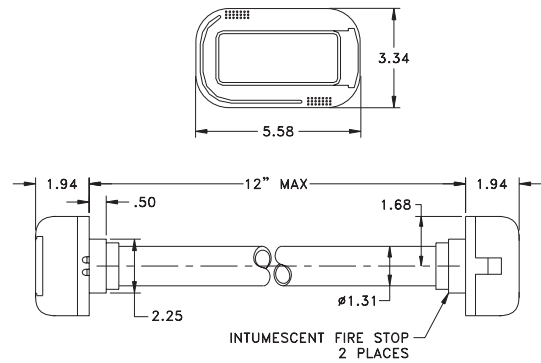
Digital Interface Module Specifications

Display Range	-0.20000 to +0.20000 in. H ₂ O
Low Alarm Range	-0.19500 to +0.19500 in. H ₂ O
High Alarm Range	-0.19500 to +0.19500 in. H ₂ O
Low Alarm Contacts	SPST (NO) Max current 5A, max voltage 150VDC, 250VAC Min switch load 10 mA, 5VDC
User Configurable Analog Output	Signal: 0 to 10V or 4 to 20 mA Range: -0.100 to +0.100 in. H ₂ O or -0.0100 to +0.0100 in. H ₂ O
Operating Temperature	32 to 120°F
Input Power	24VAC, 5 W max
Weight	0.7 lb



Sensor Specifications

Range	-0.20000 to +0.20000 in. H ₂ O
Accuracy	±10% of reading ±0.00001 in. H ₂ O
Resolution	5% of reading
Temp. Comp. Range	55 to 95°F
Power Dissipation	0.16 W at 0 in. H ₂ O 0.20 W at 0.00100 in. H ₂ O
Weight	0.2 lb



Specifications subject to change without notice.



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