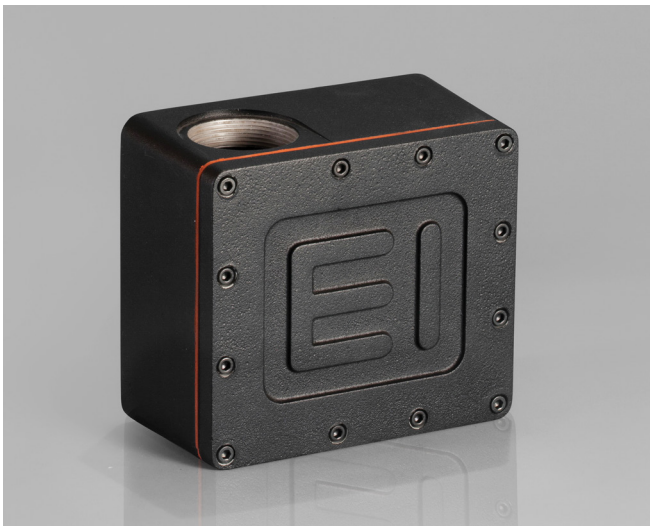
70-24 Media Flow Sensor

Non-Ferrous Media Sensor for Air Blast Machines

Ceramic or Plastic Media



Features

- Bending Beam Flow Rate Measurement Technology
- ±5% full scale accuracy
- Operates from 24 Vdc
- Output signal is 0-10 Vdc
- CE compliant

Description

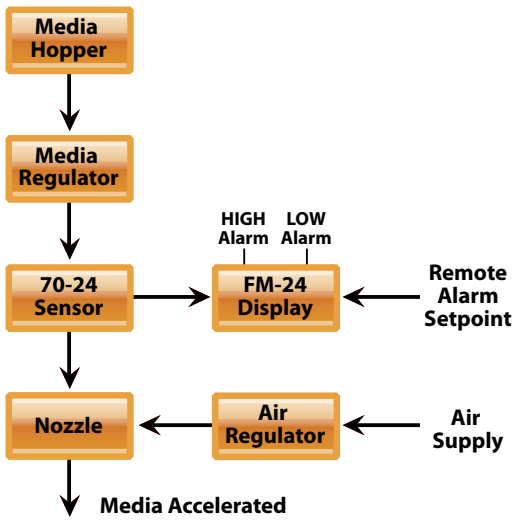
Bending Beam Flow Rate Measurement Technology provides a simple and highly accurate method of sensing the flow of particulate media. Falling media impacts the end of a thin blade. Measuring the displacement provides a direct measure of media flow rate. The displacement sensor output signal is scaled 0-10 Vdc to represent the media flow rate. Simple connections via USB port and cable to a Windows-based laptop computer and its Terminal program will allow selection of single or multi-point (up to ten points) calibration.

U.S. Patent 8,388,407 B1

Specifications

Power	+24 Vdc +/-2 Vdc @ 250 mA
Media	Ceramic or Plastic Bead
Maximum Pressure	60 PSI
Temperature Range	40˚ - 110˚ F (5˚ - 43˚ C)
Flow Sensor Output	0 - 10 Vdc, max output 11.5 Vdc
Accuracy	±5% of Full Scale
Weight	10.8 lb (4.9 kg)

Top (entry) and Bottom (exit) are 2" NPT female threads



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Electronics Inc.
Shot Peening Control

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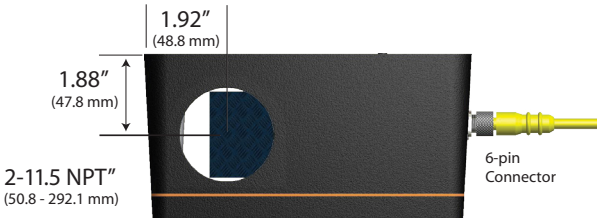
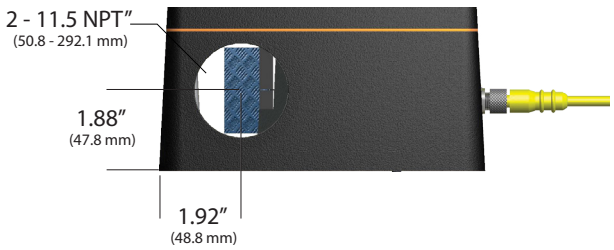
Dimensions

Inches (Metric)

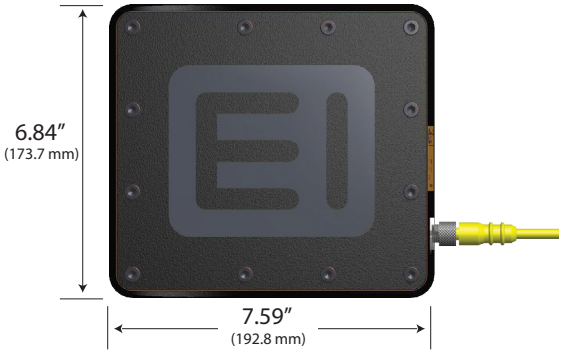
Top View



Bottom View



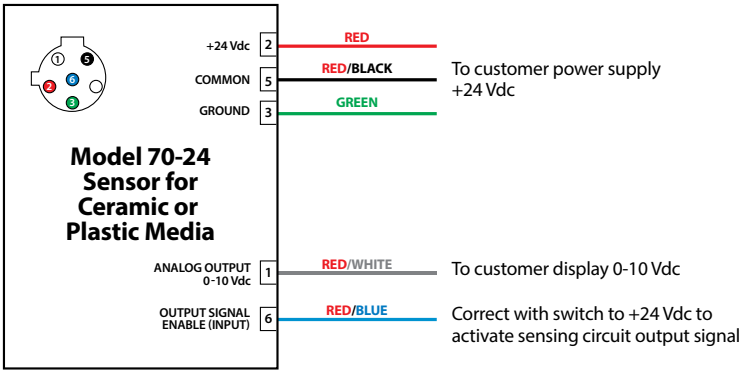
Front View



Side View

6-pin plug with 6' (1.83 m) cable is supplied with the sensor

Wiring Diagram



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