

Air Velocity Transmitter

Introduction

The Series 641 Air Velocity Transmitter is the ideal instrument for monitoring air flow. This transmitter uses a heated mass flow sensor which allows for precise velocity measurements at various flow rates & temperatures.

Specifications

Service:	Clean air and compatible, non-combustible gases
Accuracy:	-40 to 0 °C, 4% FS 0 to 50 °C, 3% FS 50 to 100 °C, 4% FS
Temp Limits:	Process, -40 to 100 °C Ambient, 0 to 60 °C
Pressure Limit:	6.89 Bar
Humidity Limit:	Non condensing
Power Req:	12 to 35 VDC 10 to 16 VAC
Output Signal:	4 to 20 mA
Process Connection:	½" male NPT



Features

- Ranges to 15,000 FPM or 75 MPS
- Easy Push button setup
- Compact Housing
- 4-20 mA output
- Optional LED Display
- 16 Field selectable ranges

Applications

- Exhaust stack flow monitoring
- Air control in drying process
- HVAC air velocity measurements
- Fan supply & exhaust tracking

Models Available

Code	Description
641-6	Air velocity transmitter with 6" probe length
641-12	Air velocity transmitter with 12" probe length
641-18	Air velocity transmitter with 18" probe length
641-24	Air velocity transmitter with 24" probe length
641-30	Air velocity transmitter with 30" probe length
641-36	Air velocity transmitter with 36" probe length

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