AIR VELOCITY TRANSMITTER WITH REMOTE PROBE
For Remotely Mounting Electronic Enclosure

CALIBRATION SERVICES AVAILABLE

The Series 641RM Air Velocity Transmitter with Remote Probe features the same highly accurate heated mass flow sensor as the Series 641, with a remote probe construction. The units 6’ cable which connects the sensing probe with the electronic enclosure allows the enclosure to be mounted where it can be more easily accessed.

FEATURES/BENEFITS
- Ranges from 250 FPM (1.25 MPS) to 15,000 FPM (75 MPS)
- Optional bright LED display
- Easy push-button set-up
- Compact housing
- 4 to 20 mA output
- Digital filter for signal damping

APPLICATIONS
- Exhaust stack flow monitoring
- Air control in drying processes
- HVAC air velocity measurements
- Fan supply and exhaust tracking
- Clean room ventilation monitoring

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>641RM-12</td>
<td>Air velocity transmitter w/ 6’ cable</td>
<td>$464.00</td>
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<tr>
<td>641RM-12-LED</td>
<td>Air velocity transmitter w/ 6’ cable w/ LED display</td>
<td>$594.00</td>
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OPTIONS
To order add suffix:  
-NIST NIST traceable calibration certificate $215.00

Example: 641RM-12-NIST

(A) Items are net priced and are not subject to any discount.

SERIES 641B
AIR VELOCITY TRANSMITTER
Dirty Air Flow Applications

The Series 641B Air Velocity Transmitter uses a heated mass flow sensor suitable for dirty air flow applications. It has user-selectable ranges from 250 FPM (1.25 MPS) to 2000 FPM (10 MPS).

FEATURES/BENEFITS
- SS sensor suitable for dirty air flow measurement
- Ranges from 250 FPM (1.25 MPS) to 2000 FPM (10 MPS)
- 4 to 20 mA output
- Digital filter for signal damping

APPLICATIONS
- Exhaust stack flow monitoring
- Air control in drying processes
- HVAC air velocity measurements
- Fan supply and exhaust tracking
- Clean room ventilation monitoring

MODEL CHART

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<tr>
<td>641B-4</td>
<td>Air velocity transmitter</td>
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<tr>
<td>641B-4-LED</td>
<td>Air velocity transmitter w/ LED display</td>
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SPECIFICATIONS
Service: Air and compatible, non-combustible gases.
Accuracy: ±5% FS process gas: 32 to 122°F (0 to 50°C); 6% FS process gas: 40 to 32°F & 122 to 176°F (-40 to 0°C & 50 to 80°C).
Response Time: Flow: 1.5 s to 95% of final value (output filter set to minimum).
Temperature Limits: Process: -40 to 122°F (-40 to 100°C); Ambient: 32 to 140°F (-20 to 60°C).
Pressure Limit: 100 psi (6.89 bar) maximum.
Humidity Limit: Non-condensing.
Power Requirements: 12 to 35 VDC, 10 to 16 VAC. 1.5 A rating required on supply due to initial power surge drawn by transmitter.
Output Signal: 4 to 20 mA, isolated 24 V source, 3 or 4-wire connection.

ACCESSORIES

<table>
<thead>
<tr>
<th>Model</th>
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<tr>
<td>A-155</td>
<td>Mounting gland with 1/2” male NPT fitting</td>
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<td>A-156</td>
<td>Flange mounting plate with 1/2” female NPT</td>
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*A brief current transient exceeding 300 mA may be seen on startup.