



Air Velocity Transmitter

Dirty Air Flow Applications

Models Select Chart

| Model | Description |
|------------|--|
| 641B-4 | Air velocity transmitter. |
| 641B-4-LED | Air velocity transmitter with LED display. |

Accessories

| Model | Description |
|-------|---|
| A-155 | Cable gland with 1/2" male NPT fitting. |
| A-156 | Flange mounting plate with 1/2" female NPT. |

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 212°F (-40 to 0°C & 50 to 100°C). |
| Response Time | : | Flow: 1.5 s to 95% of final value (output filter set to min). |
| Temperature Limits | : | Process: -40 to 176°F (-40 to 80°C). Ambient: 32 to 140°F (0 to 60°C). |
| 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. |
| Output Filter | : | Selectable 0.5-15 s. |
| Loop Resistance | : | 600 Ω max. |
| Current Consumption | : | 300 mA max*. |
| Electrical Connections | : | Screw terminal. |
| Enclosure Rating | : | Designed to meet NEMA 4X (IP66). |
| Mounting Orientation | : | Unit not position sensitive. |
| Weight | : | 12.6 oz (357.2 g). |

*A brief current transient exceeding 300 mA may be seen on startup.