

T-DCI-F900-S-P

Air Velocity Sensor (0.15 to 10 m/s) (30 to 1969 fpm) Sensor

0.15 - 10 m/s (30 - 1969 fpm)



Discontinued

The F900 S-P Airflow Sensor is designed to measure the velocity of airflows in applications such as HVAC, industrial processes, automotive, air filtration systems, electronics enclosures and critical containment areas. This adds the ability for users to be able to measure air velocity (in ducts, e.g.) from which CFM can be computed.

Supported Measurements

Air Velocity

Features

- This adds the ability for users to be able to measure air velocity (in ducts, e.g.) from which CFM can be computed.

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support www.onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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Air Velocity Sensor (0.15 to 10 m/s) (30 to 1969 fpm) Sensor (T-DCI-F900-S-P) Specifications

Measurement range "O" model: 0.15 - 5 m/s (30 - 985 fpm)

Measurement range "P" model: 0.15 - 10 m/s (30 - 1969 fpm)

Accuracy: Greater of 10% of reading or +/-0.05 m/s or 1% full-scale

Standard medium: Air at standard pressure (101.3 kPa, 29.95" Hg)

Operating temperature range: 15 – 35 C (59 – 95 F)

Storage temperature: -10 to 100C

Supply voltage: 7-13 VDC

Supply current: 40 - 75 mA (10K ohm nominal)

Warm-up time: < 5 sec

Response time: 1.5 sec

Output: Linear 0 - 4 VDC full scale for calibrated range, up to 4.9 VDC beyond calibrated range

Sensor head material: Plastic

Dimensions: 100 mm x 12 mm diameter for "S" model, 91 mm x 12 mm for "L" model

Weight: "S" model 1 oz., "L" model 1.8 oz.

Vibration: Up to 25 G

Acceptable angle: +/- 300 from perpendicular

Repeatability: +/- 1% under same conditions