

T-DCI-F900-S-O

## Air Velocity (0.15 to 5 m/s) (30 to 985 fpm) Sensor

0.15 - 5 m/s (30 - 985 fpm)



Discontinued

The F900 S-O 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](mailto: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](http://www.onsetcomp.com/support/contact)
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

Onset Computer Corporation  
470 MacArthur Boulevard  
Bourne, MA 02532

## Air Velocity (0.15 to 5 m/s) (30 to 985 fpm) Sensor (T-DCI-F900-S-O) 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 ("L" model includes remote sensor with 6' cable)

**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