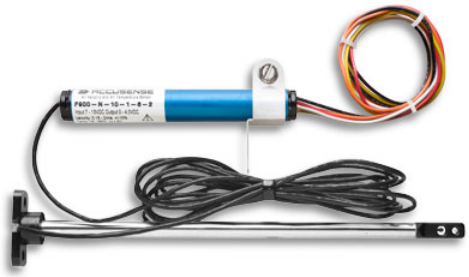
HOBO
Data Loggers



T-DCI-F900-L-P

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

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

Discontinued

The F900-L-P Airflow Sensor is designed to measure the velocity of airflow 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

Onset Computer Corporation
470 MacArthur Boulevard
Bourne, MA 02532

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