

T-DCI-F350-W5A3 • T-DCI-F350-W5B3 • T-DCI-F350-W5C3



Air Velocity & Temperature Remote Head Sensor

Versatile, high-performance air velocity and air temperature sensors, with sensor element built remotely from sensor electronics; F350 series.

Supported Measurements

Air Velocity

Features

- Enables users 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 & Temperature Remote Head Sensor (T-DCI-F350-W5x3) Specifications

Operating temperature range	0°C to 60°C (32°F to 140°F)
Velocity range	0.15 to 1.0 m/s (30 to 200 fpm) 0.5 to 10 m/s (100 to 2,000 fpm) 1.0 to 20 m/s (200 to 4,000 fpm)
Response time	400ms
Storage temperature	-40°C to 105°C (-40°F - 220°F)
Relative humidity (non-condensing)	5-95%
Supply power requirements	4.5-15 VDC, 35mA nominal
Velocity Output	0-5V
Temperature output	0-5V
Housing Construction	Polycarbonate (PC), UL94-V0 (head) UL94-HB (housing)
Plenum rated cable	22 AWG
Environmental Protection	IP65 electronics, including conformal coated sensing element
Accuracy	0.15 to 1.0 m/s (30 to 200 fpm): ± (1% of reading + 0.05 m/s [10 fpm]) 0.5 to 10 m/s (100 to 2,000 fpm): ± (4% of reading + 0.10 m/s [20 fpm]) 1.0 to 20 m/s (200 to 4,000 fpm): ± (5% of reading + 0.15 m/s [30 fpm])
Stainless Steel Wand	127mm (5")
Sensor Head Height	64mm (.25")
Housing Length	196 mm [7.75"]
Cable Length from Housing to Sensor Head	1m [3']