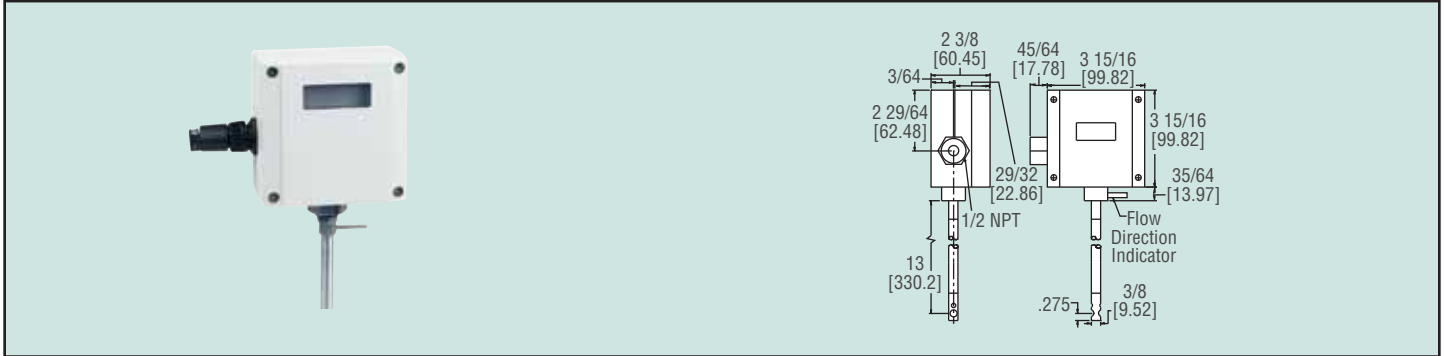


Series
PFS

Smart Air Velocity Transmitter

Field Rangeable, 0.1 Second Response, $\pm 0.2\%$ Repeatability



Series PFS Smart Air Velocity Transmitter measures mass flow rate of air, nitrogen, or other non-combustible gases and delivers a linear 4 to 20 mA output signal. The smart electronics permit field configuration of flow range and full validation of calibration. Compensate for flow profile variations or specific application conditions with the K-Factor correction feature. Series PFS include user-adjustable high and low alarm outputs and adjustable time response to track flow fluctuations. View flow rate on units with built-in display. All parameters can be quickly programmed via three push buttons or RS-232 and the Windows™ 95 based software (sold separately).

Model Number	Range	Display
PFS1300204	0 to 4000 SFPM	No
PFS1300210	0 to 10,000 SFPM	No
PFS1300215	0 to 15,000 SFPM	No
PFS13002041	0 to 4000 SFPM	Yes
PFS13002101	0 to 10,000 SFPM	Yes
PFS13002151	0 to 15,000 SFPM	Yes

ACCESSORIES

No. PFS60 Windows® Software and Connecting Cable

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SPECIFICATIONS

Service: Air, nitrogen, or non-corrosive, non-combustible gases.

Wetted Materials: 304 SS probe, glass filled polyester sensor, epoxy, and ceramic.

Accuracy: $\pm 1\%$ FS.

Repeatability: $\pm 0.2\%$ full scale.

Temperature Limits: -40 to 250°F (-40 to 120°C).

Pressure Limits: 150 psig (10 bar) max.

Power Requirements: 18 to 30 VDC, 625 mA max.

Output: 4 to 20 mA linear, optical/galvanic isolated; proportional to point mass flow rate or velocity.

Zero and Span Adjustment: 50 to 100% FS.

Response Time: 0.1 seconds to 63% of final velocity value.

Loop Resistance: 700 Ω max.

Relay Rating: Maximum 42 VAC/VDC, 140 mA.

Electrical Connection: 1/2" female NPT.

Enclosure Rating: NEMA 4X (IP65) powder-coated cast aluminum.

Mounting: 3/8" tube compression fitting (not included).

Correction Factor Setting: 0.5 to 2.

Computer Requirements: IBM compatible 386 or above and Windows® 95 or later with minimum 8 MB RAM (16 MB preferred) and one serial port.

Weight: 0.7 lb (0.30 kg).

Agency Approvals: CE.