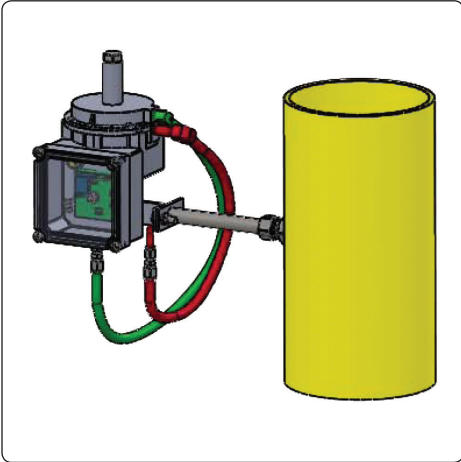
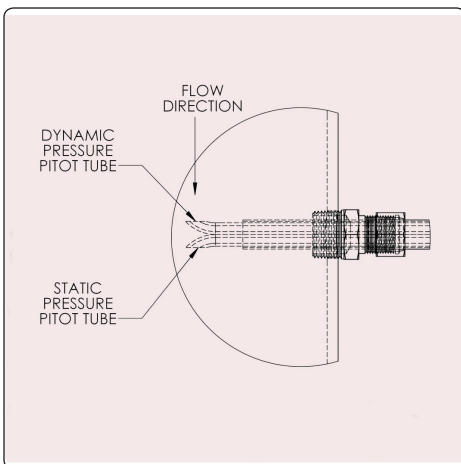


IntelliWorx EFS Flow Sensor



The ETTER Engineering Flow Sensor is a Pitot Tube control/measurement device designed to measure velocity and flow rate for a wide variety of Industrial and Commercial applications, including:

- Confirmation of purge and burner flow in large industrial ovens and furnaces
- Measure exhaust flow rate in commercial boiler stacks
- Measure and prove flow in HVAC systems, for balancing and feedback control
- Suitable in particulate laden air, or in a sooty environment



The addition of a pressure transmitter allows the ETTER Flow Sensor to monitor differential pressure and provide constant, real-time data. This can be used to modulate controls to change flows according to the needs of your process.

ETTER Flow Sensor Highlights:

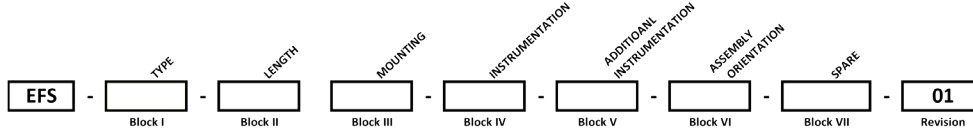
- Available in 6", 12", 18", and 24" length versions
- Welded Stainless Steel construction
- Rate to 1200 °F
- 3/4" NPT compression fitting available in either Brass or Stainless Steel
- Provided as basic Pitot Tube, or as a configured system with integral differential pressure switch, or analog output flow transmitter
- Multiple mounting arrangements ensure compatibility with your equipment
- Systems come pre-assembled, wired, and tested



ETTER is ready to assist you with all your Industrial control and monitoring needs, from System Engineering and Design, to retrofits, upgrades service and preventative maintenance.

To speak with an ETTER Sales Engineer or Service Technician today, please call 800-444-1962!

FLOW SENSING PITOT TUBES



Block I	"A" - PITOT TUBE USE P - Pitot Tube Only, no fittings S - Differential Pressure Switch Included T - Differential Pressure Transmitter Included
Block II	"B" - LENGTH* 06 - 6" Nominal Length 12 - 12" Nominal Length 18 - 18" Nominal Length 24 - 24" Nominal Length - * Length provided in maximum insertion, can be adjusted to maximum less 4".
Block III	"C" - MOUNTING FITTING X - None B - Brass (Standard) S - Stainless Steel
Block IV	"D" - INSTRUMENTATION - TYPE "P" XXX - No Instrumentation
Block IV	"D" - INSTRUMENTATION - TYPE "S" JDB - Differential Air Pressure Switch, NEMA 1, .07" - 1.7" WC JDG - Differential Air Pressure Switch, NEMA 1, .1" - 4" WC N4L - Differential Air Pressure Switch, NEMA 4, .16 - 1.2" wc N4M - Differential Air Pressure Switch, NEMA 4, .4 - 4" wc N4H - Differential Air Pressure Switch, NEMA 4, 2 - 20" WC
Block IV	"D" - INSTRUMENTATION - TYPE "T" T1X - Diff. Air Pressure Transmitter, NO Display, NEMA 1, 4-20ma output T1D - Diff. Air Pressure Transmitter, With Display, NEMA 1, 4-20ma output T4X - Diff. Air Pressure Transmitter, NO Display, NEMA 4, 4-20ma output T4D - Diff. Air Pressure Transmitter, NO Display, NEMA 4, 4-20ma output *** - Consult Factory For Pricing of Calibration Certification Of transmitter
Block V	"E" - ADDITIONAL INSTRUMENTATION FEATURES - TYPE "P" XXX - No Instrumentation
Block V	"E" - ADDITIONAL INSTRUMENTATION FEATURES - TYPE "S" XXX - No Time Delay Option DTF1 - Fixed 5 Second Delay Off Timer, 120 VAC DTF2 - Fixed 5 Second Delay Off Timer, 24 VDC D351 - Adjustable Delay Off Timer, 120 VAC D352 - Adjustable Delay Off Timer, 24 VDC * Fill in "XX" in seconds
Block V	"E" - ADDITIONAL INSTRUMENTATION FEATURES - TYPE "T" XXX - No Additional Instrumentation PS1 - 24 VDC Power Supply, loose PS2 - 24 VDC Power Supply, in NEMA enclosure on Pitot Tube
Block VI	"F" - ASSEMBLY ORIENTATION VDR - Vertical Flow, Down, Right View VDL - Vertical Flow, Down, left View VDF - Vertical Flow, Down, Front View VDB - Vertical Flow, Down, Back View VUR - Vertical Flow, Up, Right View VUL - Vertical Flow, Up, left View VUF - Vertical Flow, Up, Front View VUB - Vertical Flow, Up, Back View HLT - Horizontal Flow, Left to Right, Top View HLB - Horizontal Flow, Left to Right, Bottom View HLF - Horizontal Flow, Left to Right, Front View HLL - Horizontal Flow, Left to Right, Left View HRT - Horizontal Flow, Right to Left, Top View HRB - Horizontal Flow, Right to Left, Bottom View HRL - Horizontal Flow, Right to Left, Front View HRF - Horizontal Flow, Left to Right, Left View