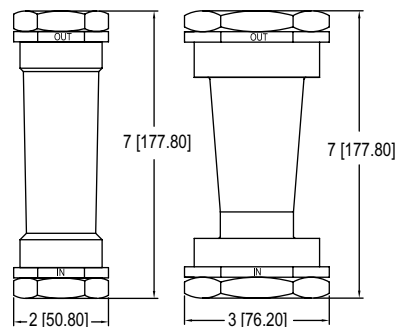


INSITE™ IN-LINE FLOWMETER

Mount in Any Position, Low Pressure Drop



The **Series IS/PX/TX Insite™ Air/Liquid In-Line Flowmeter** is available in a variety of materials including PVC, aluminum, brass, or 316 stainless steel. The variety of optional materials allows the flowmeters to be used in many different applications. The Series IS/PX/TX Insite™ flowmeters are also available with an optional field adjustable reed switch for high and low alarms.

BENEFITS/FEATURES

- Fluid is always in sight
- Direct reading - English or metric
- Mount in any position
- Plumb with threaded pipe
- Pressure drop only 4 psi (0.27 bar) at full-scale flow
- Electric switches available

APPLICATIONS

- Process water
- Compressed air
- Nitrogen blanketing and purging
- Potable water
- Clarification (aluminum sulfate, ferric chloride)
- Disinfection (chlorinated water, potassium permanganate, chlorine dioxide)
- Dechlorination (sodium bisulfate, sulfur dioxide)
- Neutralization (sodium hydroxide)
- Deionized water
- Ultra pure water

MODEL CHART

Example	PX	-30GPM	-8	-F	-F	PX-30GPM-8-F-F
Series	PX IS TX					PVC tube flowmeter Polysulfone tube flowmeter PVC tube flowmeter
Range		Low 3GPM* 5GPM 10GPM 15GPM - 20GPM 30GPM 40GPM 50GPM - 20LPM 38LPM 55LPM - 75LPM 110LPM 150LPM 200LPM - 50SCFM 100SCFM 135SCFM - 200SCFM 300SCFM 400SCFM 500SCFM - 1400SLPM 2500SLPM 3600SLPM - 5500SLPM 8000SLPM 11000SLPM 14000SLPM				3 GPM water 5 GPM water 10 GPM water 15 GPM water 20 GPM water 30 GPM water 40 GPM water 50 GPM water 20 LPM water 38 LPM water 55 LPM water 75 LPM water 110 LPM water 150 LPM water 200 LPM water 50 SCFM air 100 SCFM air 135 SCFM air 200 SCFM air 300 SCFM air 400 SCFM air 500 SCFM air 1400 SLPM air 2500 SLPM air 3600 SLPM air 5500 SLPM air 8000 SLPM air 11000 SLPM air 14000 SLPM air
Process Connection			4 6 8 12			1/2" (low range only) 3/4" 1" 1-1/2" (high range only)
Connection Material				D F I M4 V		Aluminum Brass 316 SS PVDF (IS) PVC (PX and TX only)
Seal Material					F	Viton®
Options						EP Electro polished SS shaft and spring (IS only) IS1 Installed with one switch kit IS2 Installed with two switch kit IS1T Installed with one switch kit (IS/TX) IS2T Installed with two switch kit (IS/TX) ST SS identification tag

SPECIFICATIONS

Service: Compatible gases or liquids.
Wetted Materials: Flowtube: PVC or Polysulfone; Fittings: Aluminum, brass, 316 SS, PVC, or PVDF; Seal: Viton® or Kalrez®.
Temperature Limits: See model chart.
Pressure Limits: See model chart.
Switch Type: Optional 3-wire reed switch.
Electrical Rating: 0.3 A @ 120 VAC/100 VDC.
Accuracy: ±5% FS; 3 GPM: ±7% FS.
Process Connections: 1/2", 3/4", 1", or 1-1/2" selectable.
Weight: 0.8 to 2.6 lb (0.36 to 1.09 kg).
Compliance: CSA (switch only).

TEMPERATURE AND PRESSURE

Fluid Temperature		Max. Pressure			
		Liquid		Air	
°F	°C	psig	bar	psig	bar
PVC					
70	21	200	13.79	60	4.1
100	38	100	6.90	50	3.41
125	52	75	5.17	35	2.41
Polysulfone with 316 SS Fittings					
210	99	200	13.8	60	4.1
Polysulfone with PVDF Fittings					
120	49	150	10.35	-	-

ACCESSORIES

Model	Description
ISS-15-B	Small series switch kit
ISS-50-B	Large series switch kit
ISS-15-B-T	Small series switch kit Teflon®
ISS-50-B-T	Large series switch kit Teflon®

USA: California Proposition 65

WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Teflon® is a registered trademark of E.I. DuPont de Nemours and Company.

Viton® is a specific brand of Fluorocarbon (FKM) and is a registered trademark of The Chemours Company