# 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 waterClarification (aluminum sulfate,

MODEL CHART

Example

Series

ferric chloride)

PX

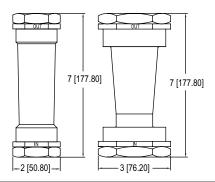
PX -30GPM

- Disinfection (chlorinated water, potassium permanganate, chlorine dioxide)
   Dechlorination (sodium bisulfate, sulfur dioxide)

PX-30GPM-8-F-F

PVC tube flowmeter

- Neutralization (sodium hydroxide)
- Deionized water
- · Ultra pure water



## **SPECIFICATIONS**

Service: Compatible gases or liquids.

Wetted Materials: Flowtube: PVC or Polysulfone; Fittings: Aluminum, brass, 316 SS, PVC, or PVDF; Seal: Viton®.

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).

	IS TX							Polysulfone tube flowmeter   PVC tube flowmeter		
Range		Low	High							
<b>.</b>		3GPM* 5GPM 10GPM 115GPM 20LPM 38LPM 55LPM	20GPM 30GPM 40GPM 50GPM 50GPM - - - 75LPM 110LPM 150LPM 200LPM - - 200SCFM 300SCFM 400SCFM 500SCFM 500SCFM 1100OSLPM 1100OSLPM					3 GPM water 5 GPM water 10 GPM water 15 GPM water 20 GPM water 20 GPM water 30 GPM water 40 GPM water 50 GPM water 50 GPM water 51 GPM water 52 LPM water 53 LPM water 55 LPM water 55 LPM water 55 LPM water 55 LPM water 56 LPM water 57 LPM water 57 LPM water 58 LPM water 59 SCFM air 100 SCFM 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 IS1 IS2 IS1T IS2T ST	Electro polished SS shaft and spring (IS only) Installed with one switch kit Installed with two switch kit Installed with one switch kit (IS/TX) Installed with two switch kit (IS/TX) SS identification tag		
*Only available	only available with PX series.									

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

<b>ACCESSORI</b>	ACCESSORIES					
Model	Description					
ISS-50-B	Small series switch kit Large series switch kit Small series switch kit Teflon® Large series switch kit Teflon®					

USA: California Proposition 65

WARNING: This product can exposure 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

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