

# SERIES IS/PX/TX | U . INSITE™ IN-LINE FLOWMETER



#### **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**

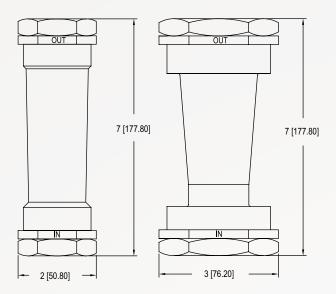
- Process water
- · Compressed air
- · Nitrogen blanketing and purging
- Potable water
- Clarification (aluminum sulfate, ferric chloride)
- Disinfection (chlorinated water, potassium permanganate, chlorine dioxide)
- Dechlorination (sodium bisulfate, sulfur dioxide)
- Neutralization (sodium hydroxide)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

#### **DESCRIPTION**

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.

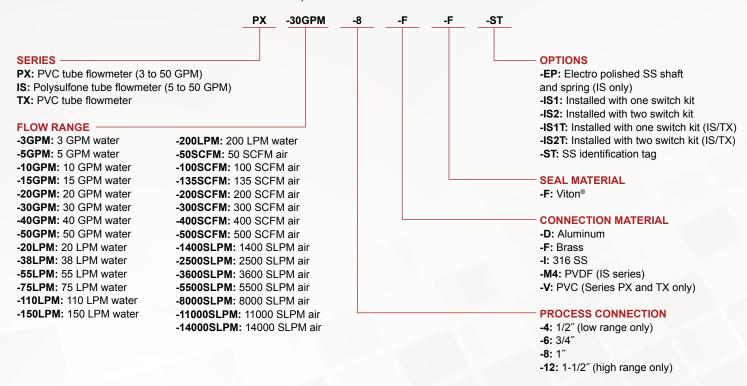
### **SPECIFICATIONS**

Service	Compatible gases or liquids.
Wetted Materials	Flowtube: PVC or Polysulfone; Fittings: Aluminum, brass, 316 SS, PVC, or PVDF; Seal: Viton®.
Temperature Limits	PVC: 32 to 125°F (0 to 21°C); Polysulfone with 316 SS: 32 to 210°F (0 to 99°C); Polysulfone with PVDF: 32 to 120°F (0 to 49°C)
Pressure Limits	PVC: Liquid: 200 psig (13.79 bar) @ 70°F (21°C), Air: 60 psig (4.1 bar) @ 70°F (21°C); Polysulfone with 316 SS: Liquid: 200 psig (13.8 bar) @ 210°F (99°C), Air: 60 psig (4.1 bar) @ 210°F (99°C); Polysulfone with PVDF: 150 psig (10.35 bar) @ 120°F (49°C).
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).



#### **HOW TO ORDER**

Use the **bold** characters from the chart below to construct a product code.



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