

# **IP800-Series Quick Start Guide**

# Components



Sensor or Sensor with Electronics, depending on options ordered. Note: material will vary depending on options.



Tee, Saddle, or Weldolet, including U-clips—will vary depending on model.

## **Recommended Tools**

#### Recommended:

- Pipe drill or hole cutting saw
- 5/32" allen wrench
- Crescent Wrench

### **Optional:**

· Channel locks

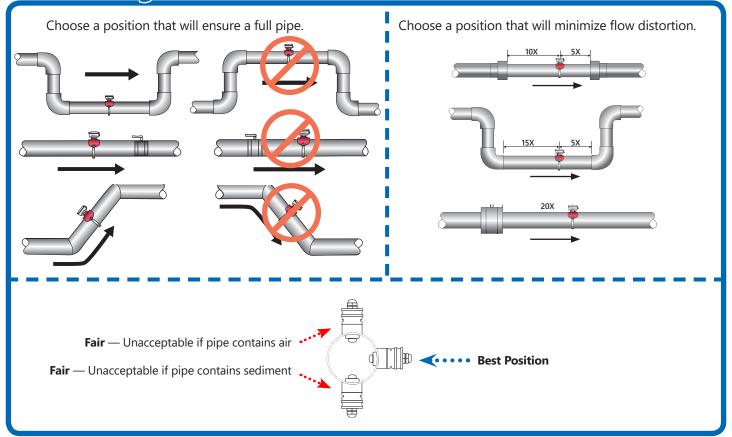
### **Warnings** Refer to instruction manual for further details.

- This meter is sensitive to heat. Do not weld or flame cut within Not recommended for installation downstream of a boiler 10' of meter. Heat will damage electronics. (Heat will void warranty.)
- Never remove the U-clip retainer when the pipe is under pressure. Removal under pressure may result in damage or serious injury.
- feedwater pump where installation fault may expose the flow sensor to boiler pressure and temperature. Maximum recommended temperature is 130°F (Plastic), 200°F (Metal).
- Improper sealing of cables or cable glands will void warranty.

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**Positioning** 



## **Installation**

### **Fitting Installation**

- Tee Fitting: Install PVC fitting with solvent cement. Brass and stainless steel fittings have female pipe threads.
- **Saddle Fitting:** Cut hole in pipe at desired location—recommended size is 1 3/4". Strap saddle on pipe, aligning over hole, and tighten straps.
- **Weldolette Fitting:** Cut hole in pipe at desired location—recommended size is 1 3/4". Weld fitting over hole.

#### **Meter Installation**

- Note direction of flow and press meter into fitting as far as it will go.
- Insert retaining clip (U-clip) into retaining slot, sliding it in securely.

