

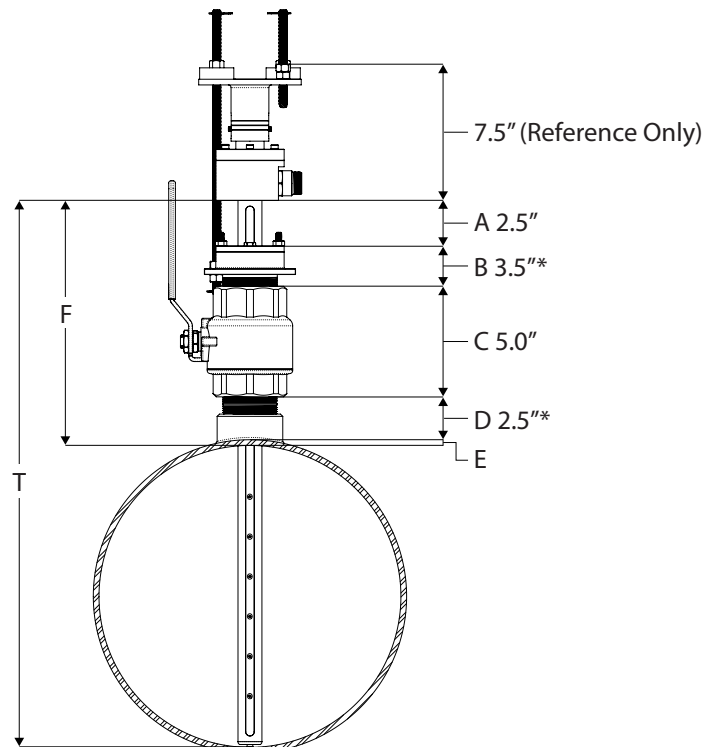
## SPECIFICATION DATA SHEET

### Models FPI-X


**NOTE:** Custom sensors cannot be manufactured without this information

Current Date	
End User	
Customer Contact	
Rep Name	
Site Name (Ex. Well #1)	
Application (Ex. Well Output)	
Metered Fluid (Ex. Raw Water)	
Model	395-X
Converter Power	<input type="checkbox"/> 90-265 VAC <input type="checkbox"/> 10-35 VDC
Converter Options*	<input type="checkbox"/> Standard <input type="checkbox"/> Modbus <input type="checkbox"/> Profibus <input type="checkbox"/> HART
Sensor Cable Length in Feet	

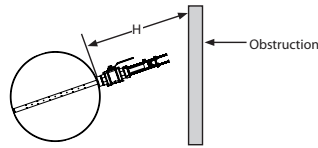
\* See Configuration Sheet (Lit# 30121-75) for converter information.



A	Critical Spacing (Standard 2.5")
B	Compression Seal Height (If ID is less than or equal to 24.99", enter 1.5"; If ID is greater than or equal to 25.00", enter 3.5")
C	Valve Height (McCrometer Supplied Bronze or Stainless Steel = 5.0")
D	Nipple and Coupling/Saddle Height (*McCrometer Supplied Close Nipple is 1.0"; Industry Standard Coupling or Saddle Default = 1.5"), OR Customer Supplied Dimension
E	Pipe Wall Thickness - Default 1.0", OR Customer Supplied Dimension
F	$F = A + B + C + D + E$
ID	Inside Pipe Diameter (Not Nominal Pipe Size)
T	$T = \text{Total Sensor Length } (F + ID)$
H	Calculated Distance When Close to an Obstruction



Verify Clearance



Obstruction

**IMPORTANT:** Distance H must be at least one sensor length  $T + C + D + 18"$

$H = T + C + D + 18"$

**i** **IMPORTANT:** The MINIMUM inside diameter for the installation valve and pipe cut-out to avoid damage to the sensor is 1-7/8" (48mm).