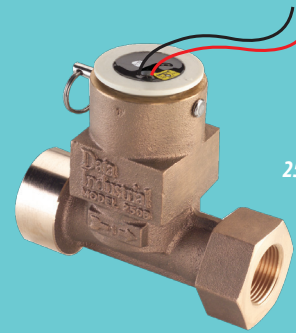


# Tee Meter, Brass



250BR0505-1211

## For Pipe Sizes 1/2" To 1.5" NPT

### DESCRIPTION

Metal tee-style liquid flow sensor with cast brass housing fits 1/2" to 1.5" NPT. These sensors are accurate, even at low flow rates. Use in conjunction with a Veris flow monitor or transmitter for a complete flow monitoring system.

### APPLICATIONS

- Measuring liquid flow rates
- Accounting for total accumulated flow

### FEATURES

- PPS electronics housing...highly durable
- Six-bladed impeller design with a proprietary, non-magnetic sensing mechanism...high accuracy and repeatability
- Forward-swept impeller is less prone to fouling by water-borne debris...reliable performance with minimal downtime
- Operation and repeatability even at low flow rates
- Signal can travel up to 2000 ft (609 m) between the sensor and the display unit without the need for amplification
- Supplied with 20 ft (6 m) of 2-conductor AWG 20 UL type PTLC cable (105°C rated)
- Sensors of similar type are interchangeable,...need for recalibration after servicing or replacement...quick install and fast maintenance

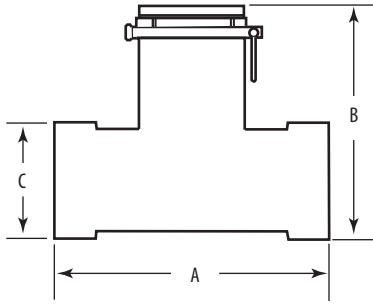
### SPECIFICATIONS



<b>Maximum Pressure</b>	At 38°C (100°F) 400 psi; At 105°C (221°F) 325 psi
<b>Wetted Materials</b>	UHMW-PE bearing, polyamide impeller, tungsten carbide shaft, EPDM O-rings
<b>Recommended Flow</b>	0.3 to 15 ft/sec (0.09 to 4.5 m/sec)
<b>Accuracy</b>	±1.0% of rate
<b>Repeatability</b>	±0.7% over recommended design flow range*
<b>Linearity</b>	±0.7% over recommended design flow range*
<b>Rangeability</b>	60:1
<b>Output Frequency</b>	0.8 to 80 Hz

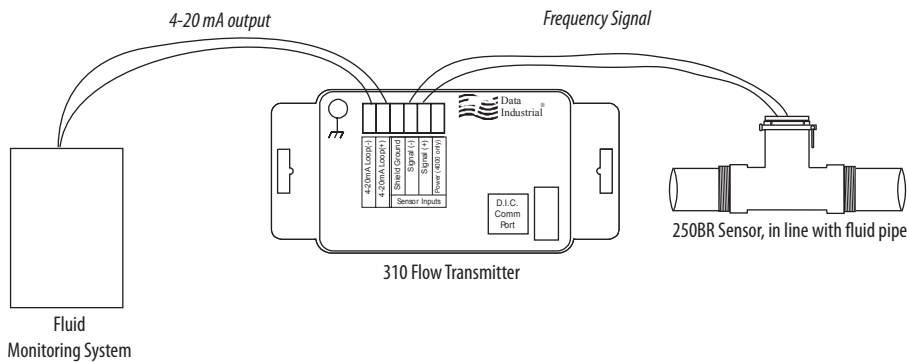
\*  $\geq 10$  upstream and  $\geq 5$  downstream straight pipe diameters, uninterrupted flow.

## DIMENSIONAL DRAWING



Model	A	B	C
U001-0008	4.0" (102 mm)	4.7" (120 mm)	1.7" (44 mm)
0009	4.0" (102 mm)	4.7" (120 mm)	1.7" (44 mm)
0010	5.5" (140 mm)	4.8" (121 mm)	2.2" (56 mm)
0011	6.1" (155 mm)	5.0" (127 mm)	2.4" (61 mm)
0012	6.5" (165 mm)	5.2" (132 mm)	2.7" (69 mm)

## APPLICATION DIAGRAM



## ORDERING INFORMATION

MODEL	MANUF. PART #	DESCRIPTION
U001-0008	250BR0505-1211	Flow, Sensor, 1/2" Cast Brass Tee
U001-0009	250BR0705-1211	Flow, Sensor, 3/4" Cast Brass Tee
U001-0010	250BR1005-1211	Flow, Sensor, 1" Cast Brass Tee
U001-0011	250BR1205-1211	Flow, Sensor, 1 1/4" Cast Brass Tee
U001-0012	250BR1505-1211	Flow, Sensor, 1 1/2" Cast Brass Tee