



**TITAN**  
ULTRASONIC BEVERAGE FLOWMETER



**DESCRIPTION**

The low-cost, clean bore ultrasonic Beverage meter is the latest addition to Titan's range of ultrasonic flowmeters. Designed primarily for drink dispensing industries and suitable for beer, wine, spirits and juice extracts, this high performance in-line beverage meter uses Titan's patented 'time-of-flight' ultrasonic technology.

With a flow range of 0.5 up to 10 litres per minute, the ultrasonic beverage meter produces a pulse output, the total of which is proportional to the total flow through the device.

Boasting totally non-metallic, food-grade wetted components and a clear, unobstructed bore, the ultrasonic beverage meter emerges as the optimal choice for metering food-based products, as well as ultra-pure water.

As a clean bore with no changes in bore dimensions or direction within the meter, it is suitable for all types of line cleaning, including foam pellets which pass straight through to clean the whole bore.

Equipped with 3/8" push-on John Guest pipe connectors as standard end fittings, and a two-meter-long flying lead cable, the Titan Ultrasonic Beverage meter redefines efficiency and reliability in beverage measurement.

**MAIN FEATURES**

- Food approved materials
- Straight and clear 6mm bore
- Slimline design for python installation
- 5 bar rating
- 3/8" John Guest push-on fittings
- ±0.5% FSD Linearity
- 0°C...50°C Max
- LED indicator
- Low cost

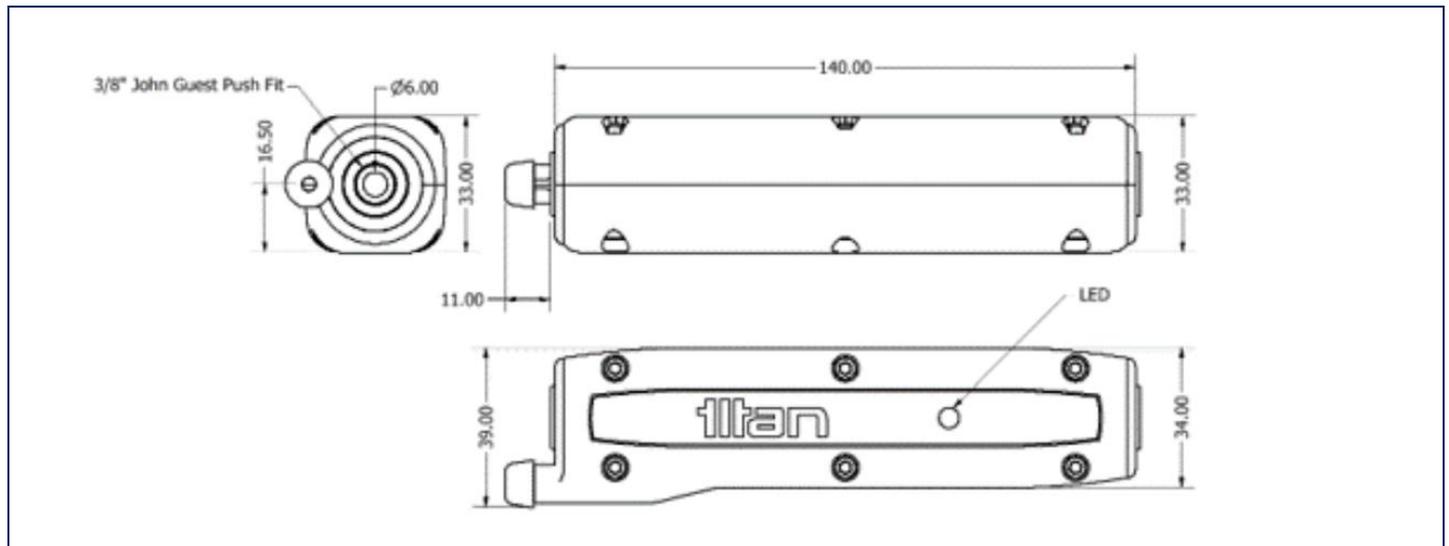
**IDEAL FOR**

- Beverage plants
- Drinks dispensing
- Beer monitoring
- Cooling equipment
- Liquid Food
- Batching
- Laboratory
- Pharmaceutical processes

### GENERAL SPECIFICATIONS

Flow range	0.5...10 l/min
Linearity	±0.5% of full scale
Repeatability	better than 1% at 250ml batches
Fluid temperature range	0...15°C (for best results) up to 50°C useable range
Pressure rating	5 bar max
Pressure drop	0,1 bar at full flow
Output	NPN pulses Open collector 50mV maximum load
K factor	approximately 5000 pulse per litre (may be customised for high volume sales)
Max Frequency	833Hz
Power supply	7...24Vdc (recommend 12Vdc)
Power consumption	40mA
Connections	3/8" John Guest push-in fittings
Bore	Ø6mm
Wetted materials	Food-grade PC/ABS polymer flow tube and Viton® seals
Cable	2m flying lead
Weight	0.250kg (with cable)

### DRAWINGS AND DIMENSIONS



### ORDER CODES

Models	Range	Linearity	Frequency	K factor
300-100	0.5...10 l/min	± 0.5% FSD	833Hz max	5000 ppl approx