



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# Ultrasonic Flow Meter UF25B



This innovative design provides a high accuracy, non-invasive, flow measurement device at a fraction of the cost of other current non-invasive systems. The unique measurement technique automatically compensates for viscosity and temperature variations. The measurement of flow is by ultrasonic transit time in-line cell.

The flow path is designed to minimise pressure drop and, having no moving parts within, will not clog or jam. The sensor also allows contaminants to pass through without affecting its performance.

The sensor is supplied with pulse and analogue outputs, which are selectable by connection wires..

## Technical Specifications

Non-invasive sensor technology

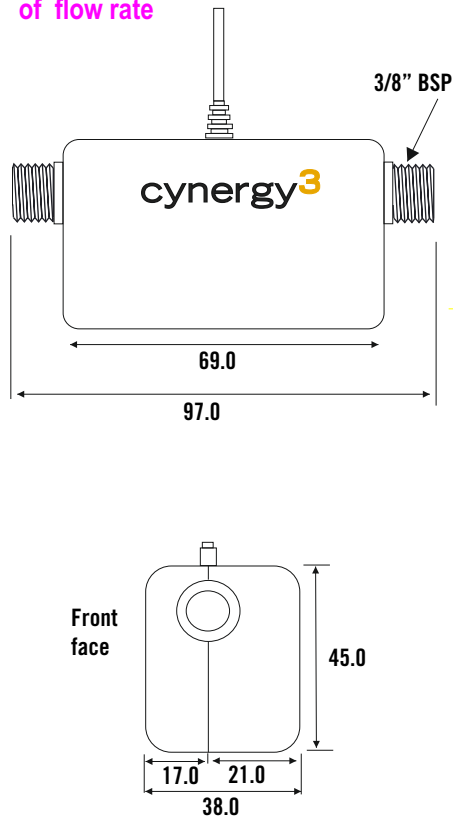
Fully electronic, no moving parts

Automatic viscosity and temperature compensation

Pulse or analogue output selectable

Low pressure drop

LED indication of no liquid & of flow rate



## Performance

## Interface

## Operation

## Physical characteristics

Flow tube material	Glass filled plastic, Grivory HT1V-4FWA Black 9225 (FDA and EU approved for foodstuffs)
Flow tube internal diameter	10mm
Connection thread	3/8" BSP
Internal bore of connection	10mm
Suitable Pushfit adaptor (to fit 1/2" OD Tube)	John Guest Speedfit PI451613S
Maximum pressure	10 bar
Case material	ABS black, Polyac PA-757
Case integrity	Ultrasonically welded
Connection	8 core, PVC sheathed, 100cm long standard
Environmental protection	IP66 level of protection

## Ordering Code

Series UF 25 B 100 Cable length (cms) \_\_\_\_\_  
 Flow range (25=0 to 25L/min) \_\_\_\_\_ Output (B=selectable)