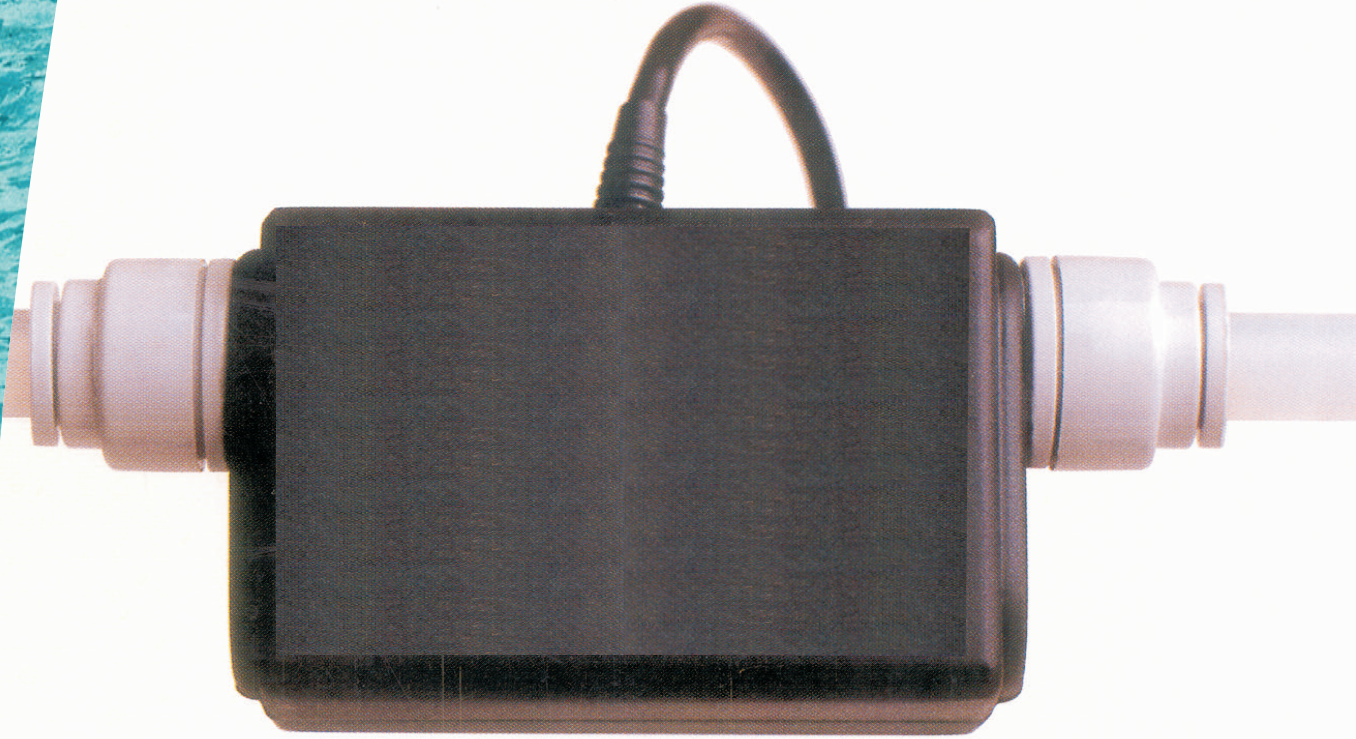


The non-invasive, ultrasonic flow meter...



*...developed for low cost applications
using innovative ultrasonic technology.*

Features

- Automatic viscosity compensation
- Unaffected by fluid contaminants
- Low pressure drop
- No moving parts
- Non-invasive sensor technology
- 3/8 BSP or push-in tube fitting

Typical applications

- Beverage delivery (beer, soft drinks, etc.)
- Heating systems
- White goods (washing machines, etc.)
- Suitable for ultra-clean and non conductive fluids

Flownetix 125

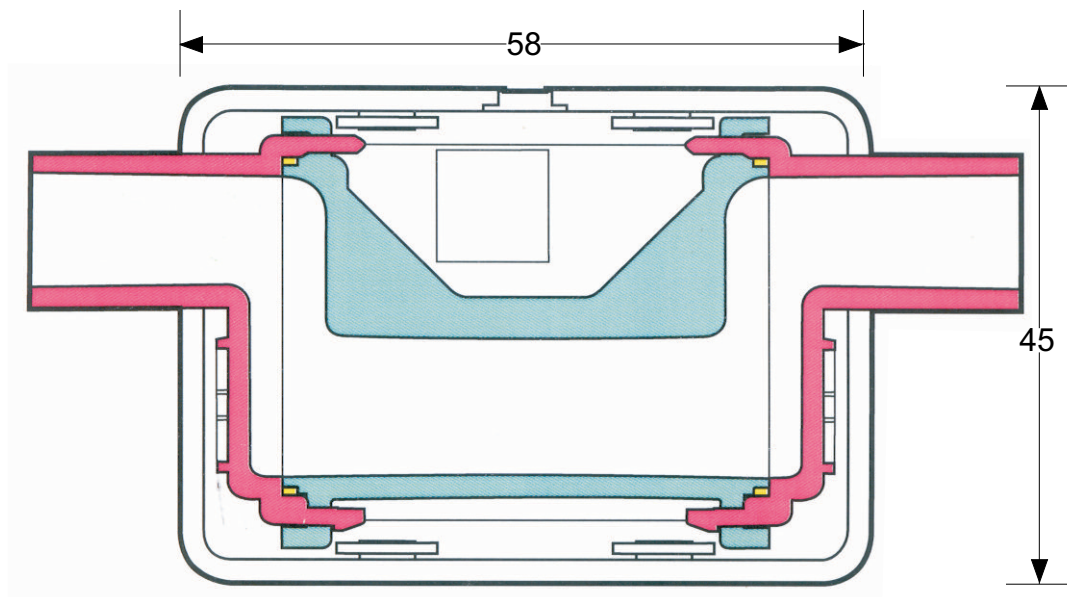
Low cost non-invasive flow control

Traditionally, the high cost of non-invasive flow meters has limited their use in non-process applications. But now things have changed. Thanks to our new Flownetix 125 non-invasive meter, you can achieve full flow control at a fraction of the cost of current non-invasive flow meters.

The Flownetix 125 uses unique, innovative, ultrasonic technology that can be installed in any system. The meter

contains no moving parts so it won't clog or jam. Contaminated liquids won't cause it to fail either, so you're guaranteed total reliability time and again.

For first-class performance at a highly competitive price, choose the Flownetix 125 - your measure of success.



Specification:

Operation

Principle	Ultrasonic transit time in-line cell design
Temp. range (fluid)	-10°C to 85°C
Continuous fluid sound	Maintains performance regardless of fluid type, temperature or viscosity for speed measurement fluids with sound speeds 1250 - 1750 m/s

Interface

Connection	3 wires (RED input, BLUE common, GREEN output)
Input	7.5 - 26VDC (input current <60mA @ 9VDC)
Output	0 - 5VDC or 5V pulses (approx. 2ms duration, k = 752 pulses / litre)
Output Load	100kΩ (for 4.8VDC output, lower impedance loads will reduce maximum output voltage)

Performance

Q _{MAX}	20l/m
Minimum registered flow	Typically 0.25l/m
Accuracy	±3% of reading or ±0.25l/m, whichever is greater
Repeatability	±1% of reading or ±0.10l/m, whichever is greater
Linearity	1% of full scale
Resolution	Better than 0.10l/m
Reverse flow	- 20l/m
Response time	Better than 0.4s

Application effects

Output over flow range	Over 20 l/m : 5 VDC or 314 pulses/sec (max. 314 pulses/sec)
Empty measuring section of high level of air/solids	0VDC or 0 pulses
100% flow profile interrogation	Good performance on low flows, viscous and low conductivity fluids

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This instrument uses measurement technology developed by and licenced from Unlvations Ltd.

Unlvations

www.unlvations.com

Form no. 001
Rev. May 2002

Printed by Top Print
01753 857775

Flownetix may change this specification without notice