

Utility Meter

Versatile Low Cost Flowmeter

NEW



Primary Features

- Economical
- Integral strainer
- Dual pulse outputs
- Suitable for pumped or gravity flow
- Wide turndown
- Integral electronic options provide rate/total or batching

Quality and Simplicity in Flow Measurement

TRIMEC

UM Utility Flowmeter - with options

Overview

The UM series is specifically engineered for the most common of liquid transfer applications within industrial plants, mining sites, automotive service centres and refuelling installations.

Monitoring or controlling the movements of small to medium volumes of water, diesel fuels and other low viscosity liquids under pumped or gravity conditions in small pipe sizes is widespread. The UM flowmeter provides a cost effective solution to the traceability of disbursed liquids.

Simple construction

A single impeller is rotated by the flow, magnets within the impeller activate the electronic outputs (reed switch and solid state Hall Effect). An integral strainer also serves as a flow conditioner allowing the meter to be located in restricted piping arrangements. The UM meter is not limited to clean liquids, the impeller concept will tolerate liquids bearing a degree of suspended particles which may pass the strainer.

Blind or with Flow Rate Totaliser option

UM is available as a "blind" flowmeter (pulse output only) or can be supplied fitted with the self powered RT series flow rate totaliser.

The RT series provides instantaneous readings of flow rate, accumulative total & a resettable total. When powered from an external supply the RT will provide 4~20mA output, high & low flow alarms and a scaleable pulse output.

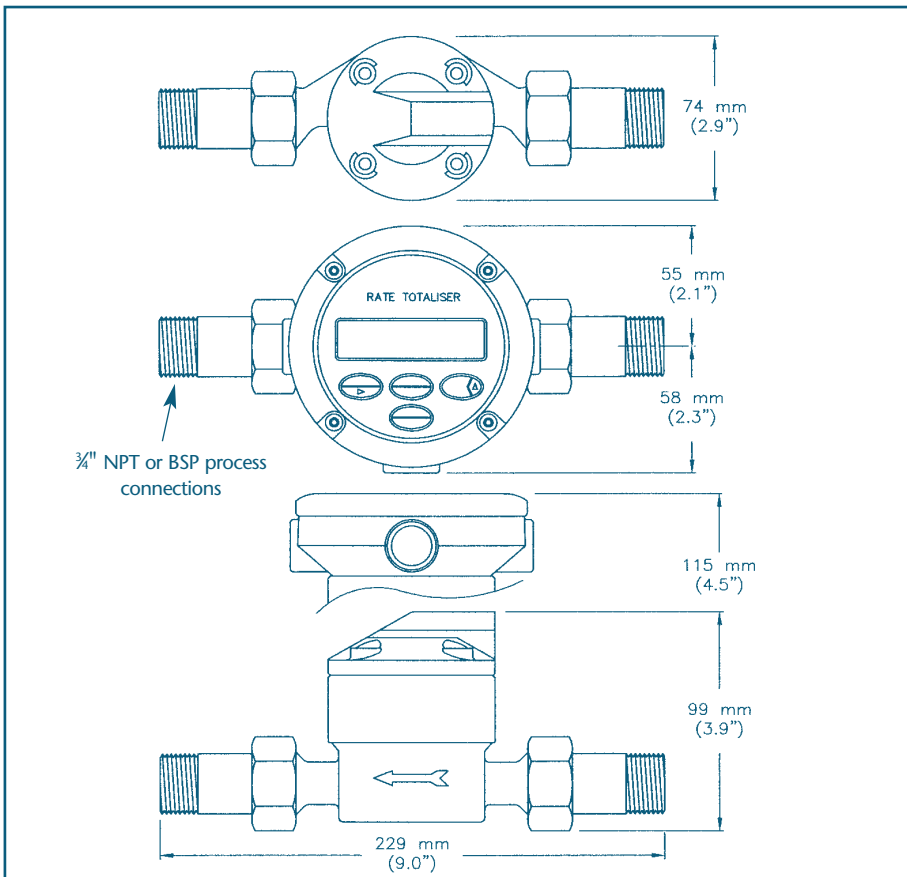
General Specifications

- Brass body with 3/4" NPT or BSP connections
- Flow 1~70 l/min (0.3~18 USgal/min)
- 0.3~10 bar (4~150PSI) working press.
- Process temp. up to 90°C (194°F)
- Integral flow conditioning & strainer
- Accuracy better than +/-1.5% o.r.
- Reed switch & Hall Effect outputs STD
- Nominal output 30 PPL (115 P/USgal)

Optional Rate Totaliser

- Large 8 digit LCD self powered display
- Extended battery life beyond 10 years
- Robust IP66 (NEMA4X) alloy enclosure
- Displays rate, accum. & resettable totals
- Alphanumeric prompts with sub-script text
- Optional backlite LCD display
- Non volatile memory
- Temperature -20~80°C (-4 ~176°F)

Packaged assembly



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