

Low Flowrate Flowmeters



LFT8: Liquid Flow Transducer

- For many liquids including water and most fuels.
- Connections for both 8mm and 12mm Ø hoses.
- Supplied with a set of four restriction jets, one of which may be inserted into entry port to provide a lower flowrange.
- Supplied with ~2m of oil-resistant screened cable.
- Open Collector pulse output.
- Linearity $\leq 2\%$ FSD. Repeatability: $\pm 0.25\%$
- Sensor-to-sensor variation $\pm 5\%$.
- 4.5 – 24 VDC powered. Current: 10mA.
- Temp range: -25 to +125 °C
- Maximum working pressure: 1000 kPa (10 bar)

Jet size	1mm	2mm	3mm	4mm	No jet
Flowrange L/min	0.05-0.5	0.05-1.5	0.15-4.5	0.18-6.5	0.2-10
Approx. K-factor	17000	7000	3500	2100	1420



TFS: Turbine Flow Sensors

- Ideal for totalising or batching applications.
- Port size: G3/8 BSP. Mounts in any orientation.
- Accuracy: $\pm 3\%$ of reading. Hall Effect sensor.
- Output: NPN sinking Open Collector, 50mA maximum current.
- Electrical connections by 0.6m flying lead cable.
- Can be used with dark liquids.
- 5-24 VDC powered
- -20 to +100 °C
- Material: Grilamid TR55, PTFE 15% bearings.
- Viscosity (ISO): 0.8 to 16 cSt. Filter < 50 microns.
- Maximum working pressure: 1400 kPa (14 bar).

Order Code	TFS-F5	TFS-F10	TFS-F15	TFS-F30
Flowrange L/min	0-5	1-10	1-15	2-30
Approx. K-factor	6900	3300	2200	1000



BM12: Beverage Meter

- Designed specifically for the drink dispense industries including beer, wine, spirits, soft drinks (excluding juice extracts) and water.
- Totally non-metallic wetted components: PVDF, Sapphire and Viton, ceramic magnet.
- Reliable and accurate
- 3/8" push on connection.
- NPN pulse output: 1120 pulses/Litre. 280Hz at max. flow. 100mV max.
- Linearity % FSD: $\pm 0.75\%$. Repeatability: $\pm 0.25\%$
- Sensor-to-sensor variation: $\pm 3\%$ max.
- supplied with approx. 1.5-metres cable.
- flowrange: 0.5 – 15 Litres/min.
- 4.5 – 24 VDC powered. 10mA typical consumption.
- Temperature Rating: 0 to 100 °C.
- Maximum working pressure: 1000 kPa (10 bar)



FT-210: Flow Sensor

- Economical turbine flow sensor.
- Flowrange @ $\pm 3\%$ accuracy: 0.1 - 2.5 Litres/min.
- High resolution: 22,000 pulses/Litre.
- Pulse frequency: 36.6 – 916.66 Hz
- $\pm 0.5\%$ repeatability.
- Lightweight plastic design.
- Can mount in any orientation.
- Mini DIN connector and mating connector included.
- Can be used with dark liquids.
- 5–24 VDC powered.
- Temperature Rating: -20 to +100 °C.
- Port size: G 1/4" male.
- Maximum working pressure: 2500 kPa (25 bar).
- Grilamid TR55 housing. Turbine PA 12 Ferrite, bearings PTFE Graphite.

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