



This high performance low-flow miniature turbine meter provides instantaneous response even at extremely low flows. Featuring photo-electric sensing, the AVi is constructed from chemically inert materials making it suitable for many liquid and trace chemicals. The rotor is near weightless in liquid meaning there is negligible bearing wear. Available in frequency output, the meter offers instantaneous, batch and totalised flow measurement. The rotational speed of the miniature axial flow rotor is sensed by a photo-electric eye, allowing fast and accurate measurement over a very wide range of flows.

A voltage output option is also available.

Order Code: AVi 6SF

Typical Liquid Applications:

Amyl Acetate	Beer	Benzene	n-Butane	Butyl acetate
Cyclohexanone	Diesel	Ether	Fruit Juice	Glycerine
Glycol	Heating Oil	Hydraulic Oil	Kerosene	Petrol
Silicone Oil	Spirits	Sodium Silicate	Tetrachloride	Tolulene
Turpentine	Fresh Water	Sea Water	Wine	Vegetable Oil

- Low flows**
- Miniature rotor**
- Frequency output**
- Photo-electric sensing**
- Chemically inert materials**
- Maintenance free**
- Ease of installation**



Specification	
Flow Range	2-220 L/hr
Pulses/Litre (nominal)	15000
Repeatability	+/- 0.1%
Max design Pressure @ 20°C	8 barg
Max design Pressure @ 60°C	5 barg
Materials	Body: Nylon Rotor and bearing: Acetal, Tungsten Carbide
Connections	10mm OD
Output	Pulse
Power Supply	5 V at 25 mA
Electrical Connection	Flying lead