

## Function;

A scaled dial and mechanical indicator continuously monitor the flow rate at any given time whilst electrical switches can be specified to signal when a particular level has been reached during increasing or decreasing flow rates.

Through its unique modular design it allows for easy field installation and service. It does not require any straight pipe runs before or after the monitor thus minimizing the installation footprint. The versatile design of the vane monitor allows for orientation to be mounted in any position. Vane style monitor operates when flow is introduced through the inlet connection making direct contact with the vane that is mechanically linked to the indicator shaft, the fluid forces the vane to open. The vane style monitor is spring loaded and allows the vane to return on decreasing flows.



Switches are field adjustable, suitable for batching, trending,

totalising or recording where required. All Flow-Mon units can be supplied with a 0-10v or 4-20mA output.

All sizes are manufactured to the same simple design concept, the main characteristic of which ensures that the pressure drops are confined to an absolute minimum across the vane orifice at full flow, with viscosities as high as 600cS. Sizes are defined by pipe size and/or maximum flow capacity, and every flow switch is individually calibrated so that full scale deflection is used in each application i.e. the maximum scale reading coincides with the maximum requirements of system as specified by the customer. Calibration may be in any units with Single or Dual scale to specification.

## Applications

- Water
- De-Ionised Water
- Soluble Oils (Glycols)
- Petroleum Based Fluids
- Synthetic Based Fluids
- Coolants
- Corrosive Fluids
- Paints
- Solvents
- Air & Gases

## Dimensions

DN	А	С	Ansi	А	С
80	138	216	3	127	210
100	158	226	4	157	217
150	218	264	6	216	263
200	278	291	8	270	287
250	335	318	10	324	313
300	395	348	12	381	338



All specifications are subject to change without notice.



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