FLOW SWITCH CUM INDICATOR











Application:

- 1) Bearing Lube Oil
- 2) Gear Box Lube oil
- 3) Machine Tool Coolants
- 4) Cooling Water Lines
- 5) Seal Water
- 6) Corrosive Fluids, etc.

Operation:

The pointer and switch are located in the switch housing. The fluid enters in at the inlet and moves against the spring- loaded vane. The vane shaft connected to the pointer rotates according to the amount of fluid advancing against the vane. The movement of the pointer indicates fluid flow. The vane shaft also operates a cam that activates a micro switch. The vane shaft connected between the switch cover and body are sealed with an "O" ring. The removal of the cover screws permits easy access for connecting to switch terminals or cam adjustments.

Installation:

Indicators may be installed in any position.

Flow Rate Information:

- 1) The High Flow Point is the flow rate that will give a full flow reading on the scale.
- 2) The Low Flow Point is that lowest flow that will move the flow indicator needle to indicate flow. A flow below this point is too low for the flow switch to indicate.
- 3) The switch setting is the flow at which the switch will actuate.

Principle Features & Benefits

- 1) Unique Concept of variable Area Orifice is incorporated
- 2) All metal construction no tubes of glass or plastic to break.
- Spring loaded mechanical design requires no straight pipe run and not affected by orientation.
- 4) Limited movement on internal parts minimal wear and down time.
- 5) Modular design reduces maintenance costs, down time, and production loss.
- 6) Direct indication & field adjustable switches monitors critical flows and provides alarms.
- 7) 1% of rate repeatable switch set point accurate & reliable through all operation cycles.
- 8) Will pass twice the maximum indicated flow or range capacity up to 150%.
- 9) Individually calibrated scale to customer specification ensures accuracy (±15% F.S.R.).
- 10) Flow through design minimal pressure loss.
- 11) Weatherproof switch cover.
- 12) Orientation of enclosure box easily changed.
- 13) Adjustable under operating conditions.
- 14) Scale is in units (e.g. liters/minute).
- 15) Large range of body materials available.
- 16) Size range from 8mm (1/4") to 200mm (8").
- 17) May be installed in any position.
- 18) High switch rating -5, 10 to 15 Amps.
- 19) Acts as non-return value.
- 20) Certified "CE", optional.



Salient Features:

- Spring loaded vane actuated by liquid flow is connected to a pointer that indicates a liquid flow reading on a graduated scale.
- 2) Switch set point adjustable.
- 3) Individually calibrated scale



Ordering Code

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