

## SERIES 3500 VARIABLE AREA FLOWMETER

### TUBE AND FLOAT INSTALLATION AND REPLACEMENT

1. Remove the flowmeter cover and lift grey safety lock
2. Gently push the flow tube upward onto the top connector, at the same time tilt the tube.

The flow assembly can now be withdrawn.

*CAUTION: DO NOT excessively tilt the tube as breakage can occur.*

3. The float and guide rod assembly can now be removed from the lower tube end.
4. On assembly, ensure the rubber float stop is fitted on the guide rod below the top float guide.
5. Reassemble, reversing steps 1 and 2.

### FLOWMETER INSTALLATION

1. Install the flowmeter in a vertical upright position.
2. When connecting pipe work to the flowmeter **it is essential** that on the end units fitted with two flats, the process connections, a suitable spanner must be used to prevent the connection rotating.  
This is very important.
3. Protect the meter from entrained air and solids in the process fluid.
4. Cleaning of the flowmeter can be carried out using warm soapy water.

### UNITS FITTED WITH LATCHING ALARM SENSOR

Loosen the nylon locking screw and move the sensor to the required position. The top of the sensor box can be aligned with the float top for setting purpose. Secure screw and test to ensure satisfactory operation.

Process Connections 1½" BSPPF.

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