

## MPB SERIES 1700 VARIABLE AREA FLOWMETER

### TUBE AND FLOAT INSTALLATION AND REPLACEMENT

NOTE: On certain flowmeters the float is removed for transit and hence the procedure below will apply only to initial installation.

1. Remove the flowmeter cover and black safety clip.
2. Push top tube connector up into the top connection block.
3. Gently push the flow tube vertically upwards whilst at the same time tilting the tube slightly. The flow tube can now be withdrawn.

**CAUTION:** *DO NOT* excessively tilt the flow tube against the bottom connector as breakage can occur.

4. With the flow tube now removed, insert the float (as applicable) and position the tube onto the bottom connector.
5. Replace the flow tube by reversing steps 1 to 3 above. Note: A slight smear of grease will help.

### FLOWMETER INSTALLATION

1. Install the flowmeter in a vertical, upright position. This is best achieved using a spirit level and is particularly important on low range flowmeters.

### GENERAL

1. Protect the flowmeter from entrained air and solids in the process fluid.
2. Avoid double bends and pipe configurations that may induce swirl. If in doubt, please consult MPB Industries.
3. Cleaning of the flowmeter can be carried out using warm soapy water.

Process Connections: ¼", 3/8" or ½" BSPPF straight through.

*MPB Industries Ltd - Designers and Manufacturers of Scientific and Process Control Instrumentation*

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