

MPB SERIES 1241S CASCADE 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 carefully remove the black tube locking retainers. These are located between the top of the flow tube and the top connection block. Gently pull forward to remove tube.
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 The flow tube can now be withdrawn.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 and 2 above. Note: A slight smear of grease will help.

FLOWMETER INSTALLATION

1. Install the flowmeter in a vertical, upright position.
2. Where a valve is required and the flowmeter is fitted with a bezel, the following procedure should be adopted. Rotate the valve knob to the fully closed position. Gently prise off the cap. Use an 8mm socket, slacken the retaining nut and remove the valve knob from the valve stem. Secure the bezel and then refit the valve cap, making sure that the collet nut is tightened securely.

GENERAL

1. Protect the flowmeter from entrained air and solids in the process fluid.
2. Cleaning of the flowmeter can be carried out using warm soapy water. Great care must be taken to ensure that the by-pass stainless steel tube is spotless after cleaning.

Process Connections: ¼" BSPPF.

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

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