

MPB SERIES 7200 VARIABLE AREA FLOWMETER

FLOWMETER INSTALLATION

1. The flowmeter should be installed in an upright vertical position.
2. Loosen and remove the large retaining nut. Care should be taken not to allow the centre assembly to slide from the flow tube.
3. Solvent weld, or screw the flowmeter end connections to the main pipework.
4. Protect the meter from entrained air and solids in the process fluid.
5. Cleaning of the flowmeter can be carried out using warm soapy water.

TUBE AND FLOAT INSTALLATION AND REPLACEMENT

1. Remove the flowmeter from the process line by unscrewing the large retaining nuts, taking care not to misplace 'o' ring seals, or allowing the centre assembly to slide out of the flow tube.
2. The flow assembly can now be withdrawn. Gentle pressure may be needed to remove the top stop from the guide rod.
3. On assembly ensure the seal 'o' rings are located in their grooves and that the float is installed with the largest diameter at the top of the assembly.
4. Reassemble, reversing steps 1 and 2.

PROCESS CONNECTION

Either threaded process connections are 1/2", 3/4", 1", 1 1/2" and 2" BSPPF depending upon flowmeter size.

Or solvent weld connections are 20mm, 32mm, 40mm, 63mm or 75mm depending upon flowmeter size

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

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