

## MPB SERIES FA60 FLOW ALARM



**CAUTION:** Cautions are given where failure to observe the instruction may result in equipment damage, or incorrect operation.

The following recommendations are made to ensure safe and efficient operation:

1. Only suitably qualified personnel should install, operate and maintain the equipment.
2. Only MPB Industries Ltd manufactured or approved parts should be used.
3. The equipment should not be used for any purpose other than that for which it was supplied.

### ELECTRICAL SAFETY:



Mains voltage can kill. Before carrying out maintenance or repair, persons concerned must ensure that the equipment is isolated from the electrical supply and make tests to verify that isolation is complete.

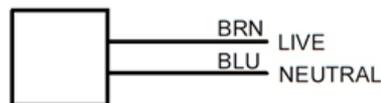
If the supply cannot be isolated, functional testing, maintenance and repairs must be undertaken only by persons who are fully aware of the danger and who have taken adequate precautions.

No form of isolation is supplied by MPB Industries Ltd.

### FLOWMETER INSTALLATION

1. Install the flowmeter in a vertical upright position.
2. Install the flowmeter according to MPBTB 008.
3. Protect the flowmeter from entrained air and solids in the process fluid.

Wiring Diagram



4. MPB recommends that the FA60 Flow Switch should be protected by a fuse with a rating of 0.5A (T).

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## TUBE & FLOAT INSTALLATION AND REPLACEMENT

1. Remove the two screws securing the blue safety cover.
2. Push over red retention clip located at the top of the glass tube.
3. Gently rotate and push the flow tube upward on to the top connector, at the same time tilt the tube slightly.



**CAUTION:** Do not let the float fall out as it can chip the glass flow tube.

4. The flow tube assembly can now be withdrawn with a downward action.



**CAUTION:** Do not excessively tilt the tube as breakage can occur.

5. Reassembly reversing steps 1, 2, 3 & 4. When replacing the safety cover do not over tighten the screws.

## GENERAL

1. Cleaning of the flow tube can be carried out using warm soapy water.
2. Process connections are 1/2" BSPF rear facing.

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

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