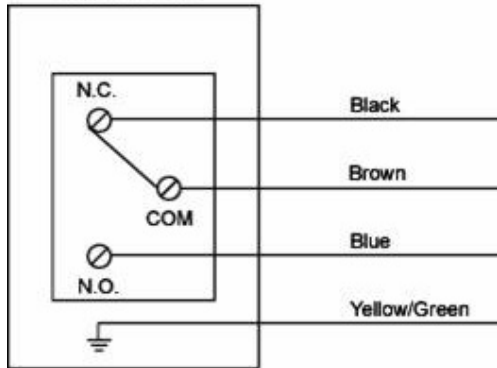


General Purpose Liquid Flow Switches Installation and Operation Instructions

Wiring Diagram



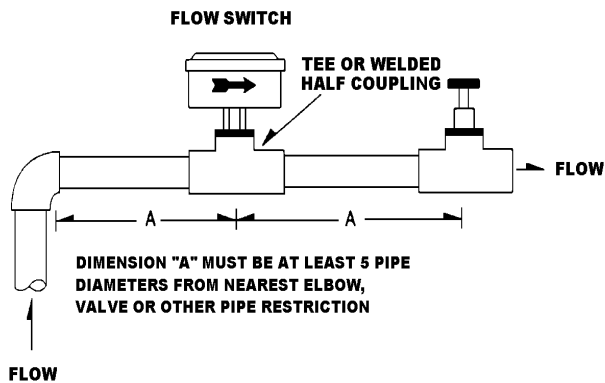
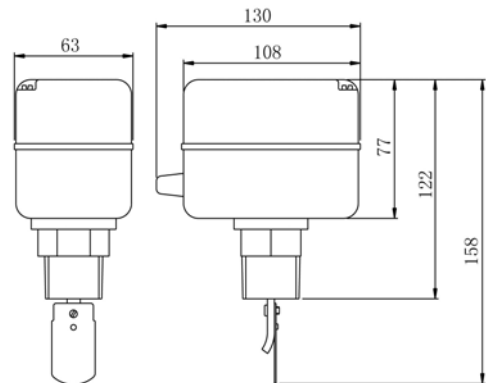
N.C. and COM make contact when flow decreases below set point

N.O. and COM make contact when flow increases above set point

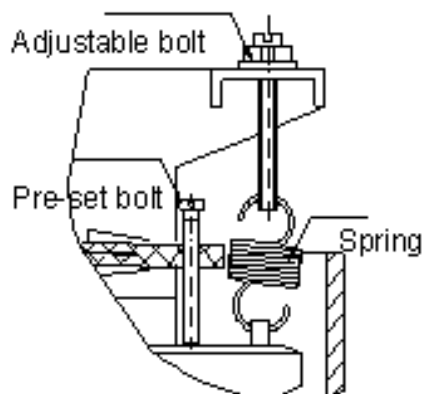
Mounting

With appropriate fittings, the water flow switch is designed for mounting on pipes of 25 mm through 200 mm diameter. It is recommended to mount the switch on the return pipe of the water system horizontally. Refer to the piping diagram for other requirements.

Dimensions in mm



Adjustment of Flow Rate Settings



1. The Pre-set bolt is sealed with paint and should not be tampered.
2. Adjustable bolt is provided to adjust the set point setting. Full tightening of this bolt will give the minimum flow rate setting and full loosening of this bolt will give the maximum flow rate setting.
3. Typical flow rate settings are provided in the table below.
4. Factory setting of the switch is at minimum flow rate.

Pipe Diameter mm (inches)	Paddle Length mm	Flow Rates with Min. Setting m ³ /h (Factory Set)		Flow Rates with Max. Setting m ³ /h	
		Switch Action	Switch Return	Switch Action	Switch Return
25 (1)	34	1.3	0.8	2.0	1.6
32(1-1/4)	34	1.5	1.0	2.6	2.0
40(1-1/2)	57	1.9	1.3	3.3	2.6
50(2)	57	3.2	2.2	6.6	6.1
65(2-1/2)	88	4.2	3.2	8.0	7.0
80(3)	88	6.3	4.7	12.0	11.0
100(4)	88	8.5	6.0	18.0	17.0
125(5)	167	13.1	9.0	27.0	25.0
150(6)	167	17.2	12.0	33.0	31.0
200(8)	167	47.0	39.0	94.0	91.0

Electrical shock hazard!

Disconnect power before carrying out any termination and/or commissioning work to prevent electrical shock or equipment damage.