



FIG. 1204

- Fig.1204: 1" NPT Liquid Flow Switch.
- Bellows: Phosphor Bronze/ PN16, SUS304/ PN25.
- Connection: 1" Male Thread BS21.
- Paddle: Plastic: ABS, Stainless steel, three-piece Paddle (3 in, 2in, and 1in. Segments) Installed: 6in. Paddle Supplies is uninstalled.

Electronic Ratings.				
Meter Ratings	120V	208V	240V	227V
Horsepower	1	1	1	-
AC Full Load Amps	16	8.8	8	-
AC Locked Rotor Amps	96	52.8	48	-
No inductive or Resistance Load Amps	16	16	16	16

Pilot duty-125VA-24-227VAC, IP: 44

TECHNICAL SPECIFICATIONS

Flow switch:

- Maximum Fluid Pressure 150/232/362 psig.
- Minimum Fluid Temperature 0°C (32°F).
- Maximum Fluid Temperature 120°C (250°F).

Switch SPDT:

- Wiring connections screwed type terminals four color –coded no.14 AWG solid conductor wire leads.
- Pipe standard 1in. 11-1/2 NPT thread.
- Conduit connection one 7/8 in (22mm) hole for 1/2 in, Conduit with 1-1/8 in (29mm).
- Knock out ring for 3/4 in. Conduit female hub for 1/2 in.

Typical Flow Rates											
Required to Actuate Switch (m3/hr)											
Pipe size (in)		1	1.1/4	1.1/2	2	2.1/2	3"	4"	5"	6"	8"
Min. adjust	Flow increase to Y closes	1	1.3	1.7	3.1	4.1	6.2	18.4 8.4	28.4 12.9	43.1 16.8	85.2 46.6
	Flow Decrease to B closes	0.6	0.8	1.1	2.2	2.7	4.3	11.4 6.1	22.9 9.3	35.9 12.3	72.7 38.6
Max. adjust	Flow increase to Y closes	2.1	3	4.4	6.6	7.8	12	29.1 18.4	55.6 26.8	85.2 32.7	172.6 94.2
	Flow Decrease to B closes	1.9	2.8	4.1	6.1	7.3	11.4	27.7 17.3	53.4 25.2	81.8 30.7	165.8 90.8

► **Note:** Design and specifications are subject to change without prior notice.