# **Almeg**

# **Controls**

Paddle Flow Switch
1" NPT Stainless

304 Stainless Flow Control Magnetically Coupled Trimmable Paddle Fits Pipe 1/2" NPT Facing Up Junction Box Option Leak proof 1 Piece head SPDT Switch



The operation of the flow switch  $\mbox{Wetn}$   $\mbox{gaige}$   $\mbox{Riging}$  a magnetic coupling. As the paddle moves with the process, a Teflon (TM) shuttle slides the magnet in the vicinity of the SPDT reed switch encapsulated in the main housing.

The paddle can be cut to match the pipe size according to lines on the paddle.

Flow Switch - Numbers indicate GPM (water)

Make sure paddle can rotate 90 deg. When installed

Switch rating - 120 VAC @ 2 A resistive

### **Design Criteria:**

- Rugged machined 1 piece head
- Hinged paddle bi-directional
- Contact Output
- Works with latching and alarm relays
- Rugged
- · Compact design

## **Possible Applications:**

- Protects motors from low flow
- Protects pumps from low flow
- · Oil flow
- Sends alarm for emergency shower
- Monitors liquid cooled engines
- Can automatically control pumps
- Detects reverse flow

#### **Working Parameters:**

- 304 Stainless construction Teflon (™)
- Maximum temperature 300 deg F
- Pressure 1500 psig
- Contact rating 120V @ 2 A Resistive
- Connection 1" NPT
- 1/2" NPT facing up.
- Paddle length 5 1/2"

#### Manuals + Questions

Pipe Size	1"		1 1/4"		1 1/2"		2"`		2 1/2"		3"		4"	
Paddle Length	Acc	De- Act	Acc	De- Act	Acc	De- Act	Acc	De- Act	Acc	De- Act	Acc	De- Act	Acc	De- Act
1"	5	4	8.5	6.5	12	9	17	15						
1 1/4"			6.5	4.5	9	7	15	12	23	20				
1 1/2"					14	10	23	16	32	25				
2"							18	12	24	17	33	27		
2 1/2"									20	13	27	22	32	26
3"											22	16	25	20
4"													21	15