

FLOW SWITCHES

Type **FQS**

SAGINO MIYA

GENERAL DESCRIPTION

- For use on liquid lines such as water, ethylene glycol, or any non-corrosive fluid in chillers, pumps, condensers, boilers, etc.
- With S.P.D.T. contact mechanism.
- Paddle consists of three segments that can be removed or trimmed for use in 1 to 6" pipe.
- Drip proof models: Available upon request.

CE mark applicable (available upon request)

UL listed (available upon request)



SPECIFICATIONS

Catalog No.	Paddle Size	Connection	Max. Fluid Press (MPa) {kgf/cm ² }	Max. Fluid Temp. (°C)	Wt. (kg)	* Adjustment (liter/min.)				
						Line Size	Min.		Max.	
							Flow Decrease	Flow Increase	Flow Decrease	Flow Increase
FQS-U30G	3"	R1"	0.98 {10}	80	0.6	1"	18	28	45	55
						2"	50	65	150	180
						3"	100	120	225	270

* Flow decrease ... Flow amount at which the switch operates on flow decrease.

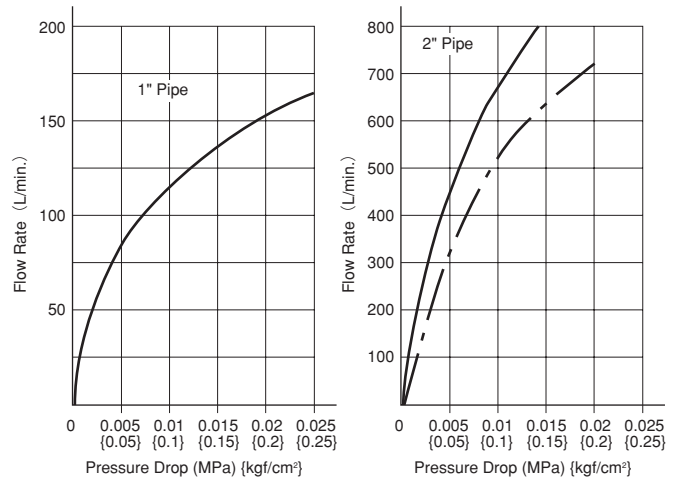
Flow increase ... Flow amount at which the switch operates on flow increase.

Flow rate based on the flow amount when 1" paddle is used for 1" pipe, 2" paddle for 2" pipe, and 3" paddle for 3" pipe.

ELECTRICAL RATINGS

Rated Voltage (V)		Power Factor (cos φ)	125V. AC	250V. AC
Rated Amps. (A)				
Non-Inductive Current		1	15	15
Inductive Current	Full Load	0.75	3.5	2.5
	Locked Rotor	0.45	21	15

PRESSURE DROP CHARACTERISTICS



DIMENSIONS

