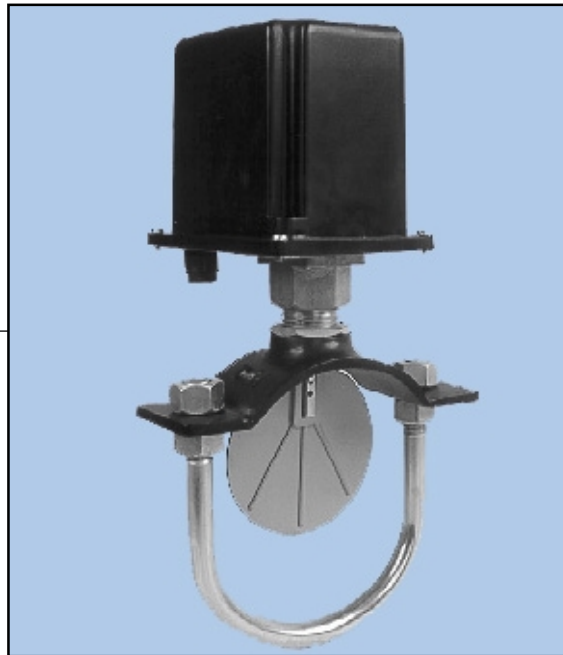




FLOW SWITCH

**WEATHERPROOF
PADDLE TYPE
LINES 2" TO 6"**

● **WATER FLOW DETECTOR WITH TIME DELAY OPTION** ●



SM — SADDLE FLOW SWITCH

SWITZER SM FLOW SWITCH specially designed for Water Flow Detection is easy to install and simple to maintain. It has adjustable pneumatic timer to ensure avoidance of false alarms and so is free from fluctuations in water flow. Different saddles

are available to fit pipe sizes from 2" to 6". The instrument is suitable for horizontal or vertical water pipe and sprinkler installations. Range settings are easily done by a screw adjustment available inside the cover.

GENERAL SPECIFICATIONS

Enclosure	Style GB, ABS cover to IP:65	Deadband	Less than 8%
Static Pr. Rating	10 bar maximum	Mounting	Via Saddle & 'U' Clamp with gaskets
Actuating Flow Rate	15 to 40 LPM	Process Temperature	50°C maximum
Line Sizes	Water Pipes 2" to 6", Sch.10 to 40	Wetted Parts Material	
Switching	'One' or 'Two' instrument quality snap acting microswitches each having SPCO contacts.	Vane	HDPE
Switch Rating	15A 230V AC	Body	Brass
Max. Time Delay	60 seconds, adjustable	Seal	Silicone
Repeatability	±2% of maximum flow	Gasket	Neoprene
		Electrical Entry	2 Nos. 3/4" ET PVC Cable Gland

ORDERING SPECIFICATIONS

STYLE	SM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Line Size					
2"		050			
2½"		065			
3"		075			
4"		100			
6"		150			
Body Material					
Brass			M		
316 SS			K		
Time Delay					
No Time Delay				0	
With Time Delay				T	
Microswitch					
One SPCO					3
Two SPCO					33

INSTALLATION

Install the Flow Switch in a horizontal pipe or in a vertical pipe with upward flow.

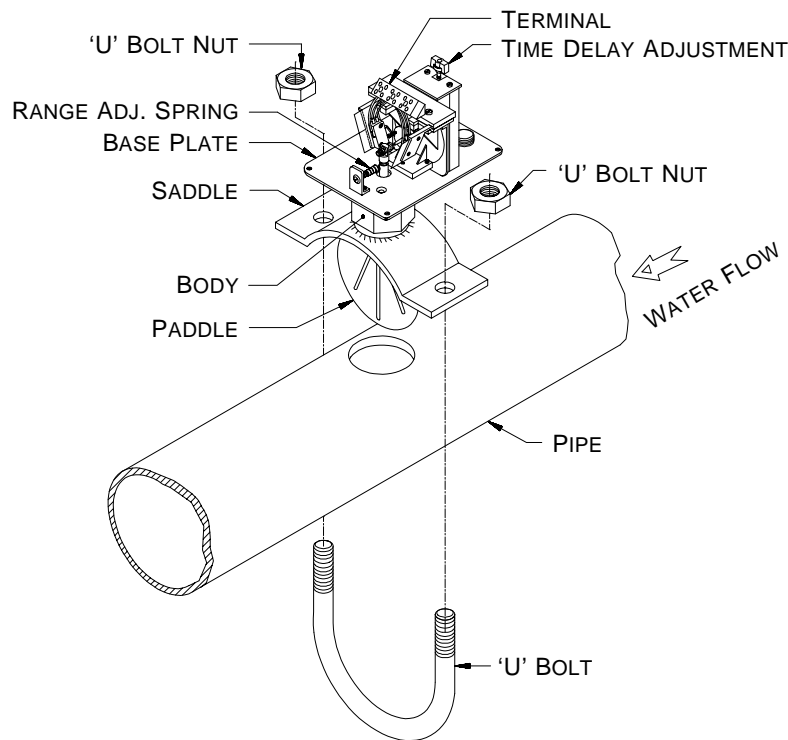
Select a location which is at least 6" away from any fittings, such as elbow, tee, reducer which affect flow rate, direction or pipe diameter, or 24" from a valve or drain.

Drill a hole in the pipe as per Table "A". Roll the vane opposite of flow arrow while inserting, place the gasket between the saddle and the pipe and tighten the 'U' Bolt in place.

Table 'A'

Pipe Size (in mm)	Hole Size (in mm)
50 – 80	32
100 & 150	50

INSTALLATION



ALL DIMENSIONS IN mm

Prior notification of changes in specification is impracticable due to continuous development.

FOR **SWITZER'S** OFFICES IN INDIA

CHECK AT:

<http://www.switzerinstrument.com/offices.htm>