

General

The paddle-type WFS Series flow controllers are specifically designed for use on liquid lines such as water, ethylene glycol or any fluid which is not harmful to brass or phosphor bronze and which is not classified as a hazardous fluid.

Mounting

The flow controller can be mounted in a horizontal or vertical pipeline but must be located in a section of pipe where there is a straight run of at least 5 pipe diameters on each side of the controller.

Ordering

To order the WFS Water Flow Switch, contact the nearest Cyrus' representative. Specify the desired product code number from product overview.

Product Overview

The WFS Series water flow switch features a high-quality micro-switch that provides on-off SPDT snap action. It detects the flow action along a pipe-line for use as an operation control device.

Model

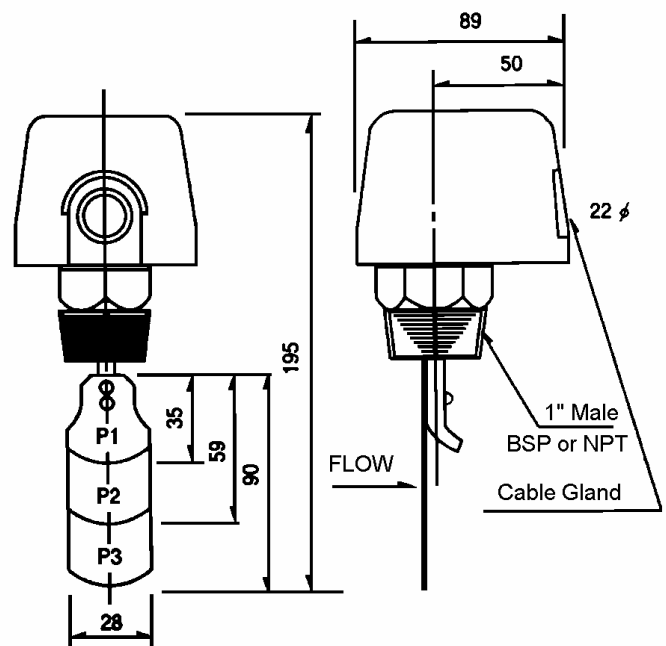
WFS25MB

Material

Base Plate:	Carbon Steel (WFS-A) Stainless Steel (WFS-B)
Cover:	Carbon Steel (WFS-A) Plastic (WFS-B)
Connection:	Brass
Paddle:	Stainless Steel



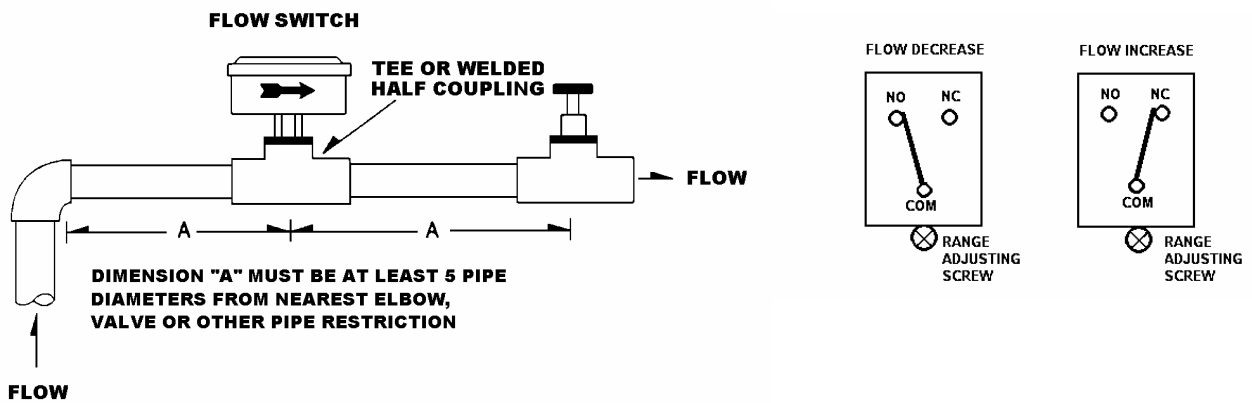
Dimensions in mm



Technical Specifications

Model	WFS25MB		
Working Pressure	10 bar (1,000 kPa)		
Connection	1" BSP		
Fluid Temperature	1 - 100 °C		
Ambient Temperature	0...60 °C		
Working Life	500,000 times		
Switch Action	SPDT Snap action		
Maximum Voltage	250 VAC	15(7.5) A	50/60 Hz
Protection	IP 53		
Shipping Weight	:0.7 kg		

Installation & Wiring Diagram



Flow Chart		m3/h									
		20	25	32	40	50	65	80	100	125	150
Min Adjustment	Increasing	1.11	1.36	2.22	2.89	4.27	5.51	6.82	9.02	13.33	17.99
(Factory Set)	Decreasing	0.66	0.82	1.27	1.59	2.13	2.63	2.72	4.49	6.65	8.99
Max Adjustment	Increasing	2.12	2.32	3.80	5.22	7.45	9.63	11.83	16.69	26.12	37.70
	Decreasing	1.82	2.09	3.41	4.43	5.45	8.51	10.47	14.58	20.89	27.94

Setting Adjustment

1. Remove flow controller cover.
2. For higher flow rate, turn range adjusting screw clockwise.
3. For lower flow rate, turn range adjusting screw counter-clockwise.
4. Be sure that flow controller cover is replaced before leaving jobsite.

Cautious

When a WFS Series flow controller is used as an operating control device and where an operating control device failure would result in personal injury and/or loss of property, it is the responsibility of the user to add safety devices that protect against control device failure.