

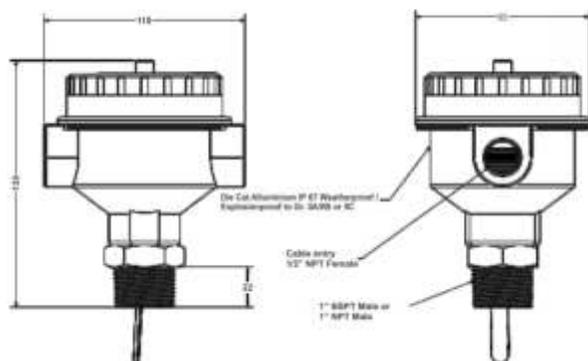
## Introduction

FSPT Series Flow Switches are Stainless Steel Bellow Sealed Flow Switch. EP-FSPT Flow switches offer positive isolation between Fluid medium and Electrical assembly. Due to its weatherproof enclosure. This flow switch is ideally suitable for outdoor application.

## Technical Specifications

Service	: Water, oil, moderately corrosive chemical.
Max. System Pressure	: 20 Kg/cm <sup>2</sup>
Temperature Range	: 8-120°C
Pressure Drop	: <80 mbar at Qmax. (For Qmax. Refer flow range table)
Wetted Parts	: Bellows : SS316Ti, Body Material : SS316
Process Connection	: ½" or 1" BSPT male or NPT male
Mounting	: Horizontal or upward flow. <b>Not Recommended for Downward Flow.</b>
Electrical Rating	: 15A, 150VAC SPDT Micro Switch / 2x5A 230VAC SPDT Micro Switches
Enclosure	: Die Cast Aluminium
Enclosure Protection	: Weatherproof to IP 67 / Flameproof to Gr. IIA/IIB or IIC
Cable Entry	: 1/2" NPT Female
Cable Glands	: Not in our scope of supply

## Dimensions



## Flow Range Table

Line Size	Switching Range LPM		Qmax. LPM	Line Size	Switching Range LPM		Qmax. LPM
	Min	Max			Min	Max	
½" – 25 mm	20	60	80	5" – 125mm	200	600	1500
¾" – 32 mm	30	90	150		6" – 150mm	240	720
1" – 25mm	40	120	180	8" – 200mm		320	960
1 ¼" – 32mm	50	150	200		10" – 250mm	400	1200
1 ½" – 40mm	60	180	280	12" – 300mm		480	1440
2" – 50 mm	80	240	500				
2 ½" – 65 mm	100	300	400				
3" – 80mm	120	160	600				
4" – 100mm	160	480	1000				

## Ordering Information

**Example :** WFSPT- 25L2A1

**Basic Model** **WFSPT- 25 L3 S2 A1**

### Enclosure / Protection

\*WFSPT- Weather proof to IP 65 to 67

**WFSPT**

### Process Connection

15 – Threaded to 1/2" BSPT-M (only for size 1" & below)

15N – Threaded to 1/2" NPT-M (only for size 1" & below)

25 – Threaded to 1" BSPT – male

25N – Threaded to 1" NPT – Male

F1 – Integral Welded Flange (carbon steel)

F2 – Integral Welded Flange (Stainless steel 304)

**25**

### Line Size

<b>L1</b>	15mm	½"	<b>L7</b>	65mm	2 ½"
<b>L2</b>	20mm	¾"	<b>L8</b>	80mm	3"
<b>L3</b>	25mm	1"	<b>L9</b>	100mm	4"
<b>L4</b>	32mm	1 ¼"	<b>L10</b>	125mm	5"
<b>L5</b>	40mm	1 ½"	<b>L11</b>	150mm	6"
<b>L6</b>	50mm	2"	<b>L12</b>	200mm	8"

**L2**

Note: T-fitting is compulsory for Line Sizes upto 1".

### Tee Fittings

T1 – Integral Tee (carbon steel)

T2 – Integral Tee (Stainless steel)

Tf1 – Integral Welded Flange with Tee (carbon steel)

Tf2 – Integral Welded Flange with Tee (Stainless steel 304)

**T2**

### M.O.C of wetted parts

S2 – SS 316L body, SS 316Ti Bellows, SS 316L Paddle

**S2**

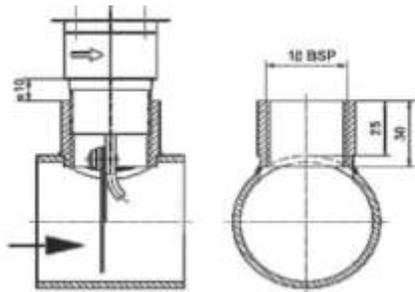
### Switch Rating

\* A1 – 15A 250VAC, Snap acting instrument quality SPDT Microswitch

\* C2 – 2 X 5A 250 V AC, snap acting Instrument quality SPDT Microswitch.

**A1**

## Installation Instructions



The Flow Switch 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 switch.

For detailed Installation information please refer the Installation manual provided with Flow Switch.

Continuous efforts for product development may necessitate changes in these details without notice

### Authorised Dealer



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