

Head Mounted Flow Transmitter for Insertion Paddle Type Flow Sensor

INTRODUCTION

Head mounted Flow Transmitter for Insertion Paddle Type Flow Sensor is very suitable for Automation Industries and is now very commonly used by them. It becomes essential where there are very less human interference in the plant and many of the controls are from the control room. Using our blind type Flow Transmitter, the PLC and Control Panels can get the signal in correspondence to the actual liquid flow rate for the control actions.

Blind type insertion Paddle Type Flow Transmitters are very reliable, sturdy and available in very short time. The technical specifications of the Transmitters are as given below.



Technical Specifications:

- Max. % of Solids : 1% of fluid volume, non-abrasive, non-magnetic, <100 micron in dia.& length.
- Material of Sensor Rod : SS 316
- Fitting material : SS304 or, SS 316
- Fitting Type : T type or, Weld on Adopter
- O-rings/Pin : Viton /Haste alloy C
- Housing : Aluminum
- Max. Working Pressure : Max. up to 10 kg/cm²
- Max. Operating Temp. : Max up to 100 degree C
- Accuracy : +/- 1% of Full Scale if velocity is more than 0.5 m/s
- Input Voltage : 12 to 24 VDC
- Output : 4 to 20 mA (3 wire)
- Paddle material & Type : PVDF / Magnetic or, Non-Magnetic type
- Cable Length : 3 meters signal transmission cable Protecting
- Rating : IP-65 or, Flameproof

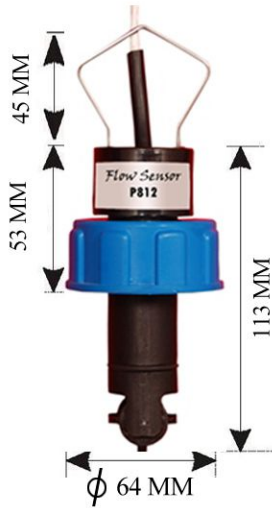
LINE SIZE SELECTION

Size	15 NB	25 NB	40 NB	50 NB	65 NB	80 NB	100 NB
Min Flow m ³ /hr	0.23	0.88	2.04	3.50	6.30	8.00	14.0
Max Flow m ³ /hr	2.60	8.80	20.4	35.0	63.0	80.0	140

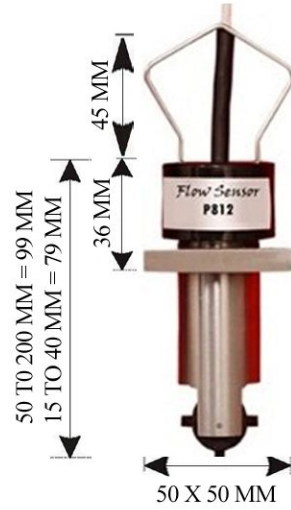
DIMENSIONAL DETAILS OF FLOW SENSORS & FITTINGS

TYPE OF FLOW SENSORS

PP FLOW SENSOR



SS FLOW SENSOR



TYPE OF FITTINGS

PLASTIC THREADED END FITTINGS



SIZE	L	H
15 NB	250 MM	88 MM
25 NB	165 MM	100 MM
40 NB	210 MM	115 MM

PLASTIC SOLVENTABLE FITTING

Plastic (ABS) flow sensor installation T fittings with solventable end is available for Line size 1/2" (15 NB), 1" (25 NB) & 1/2" (40 NB).



SIZE	L	H
15 NB	90 MM	88 MM
25 NB	110 MM	100 MM
40 NB	130 MM	115 MM

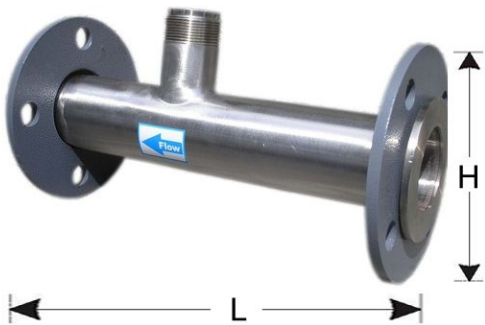
Plastic (PVC) flow sensor installation T fittings with solventable end is available for Line size 2" (50 NB), 2 1/2" (65 NB).

SIZE	L	H
30 NB	142 MM	142 MM
65 NB	165 MM	165 MM

Note: Tolerance level is 1 MM

TYPE OF FITTINGS

STUB END FLANGE FITTINGS



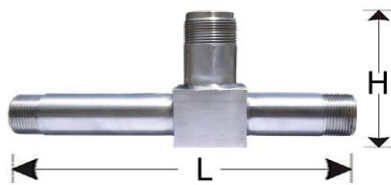
SIZE	L	H
15 NB	270 MM	96 MM
25 NB	270 MM	102 MM
40 NB	250 MM	104 MM
50 NB	300 MM	115 MM
65 NB	350 MM	129 MM
80 NB	450 MM	143 MM
100 NB	500 MM	164 MM

WELDED FLANGE END FITTINGS



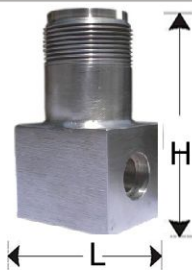
SIZE	L	H
15 NB	270 MM	96 MM
25 NB	270 MM	102 MM
40 NB	250 MM	104 MM
50 NB	300 MM	115 MM
65 NB	350 MM	129 MM
80 NB	450 MM	143 MM
100 NB	500 MM	164 MM

STAINLESS STEEL THREADED END FITTINGS



SIZE	L	H
15 NB	270 MM	96 MM
25 NB	275 MM	102 MM
40 NB	250 MM	104 MM

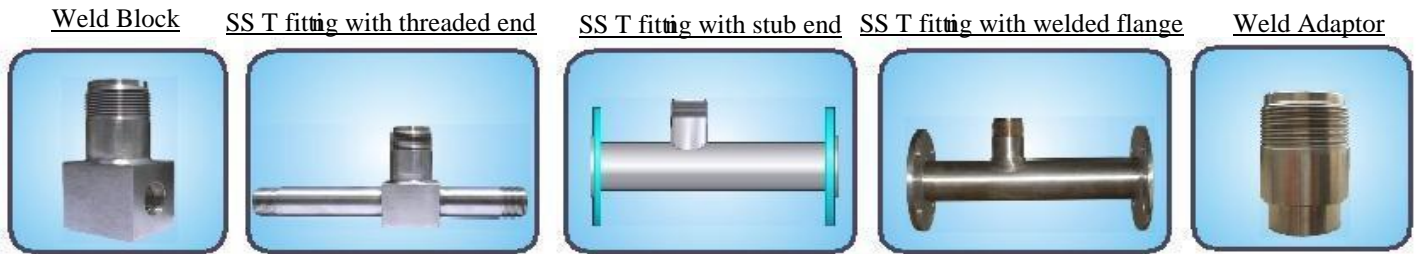
STAINLESS STEEL BLOCK DESIGN FITTINGS



SIZE	L	H
15 NB	55 MM	96 MM
25 NB	55 MM	102 MM

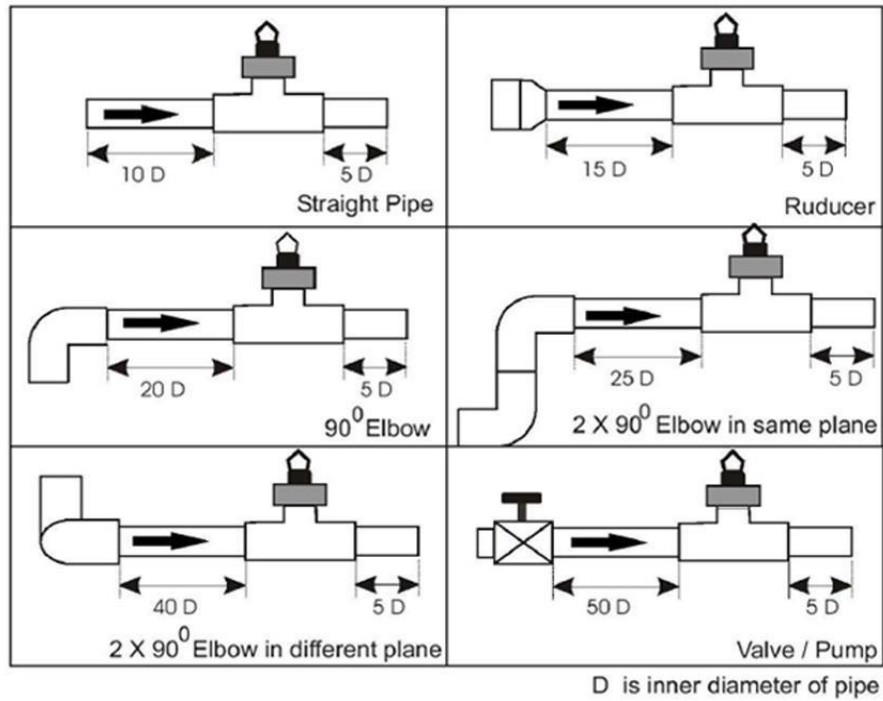
Note: Tolerance level is 1 MM

TYPE OF SENSOR INSTALLATION FITTINGS



Fitting Installation Condition

All type of flow meter requires straight run, as per site condition following straight pipe lengths must be provided for best result.



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

Authorised Dealer



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