

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.

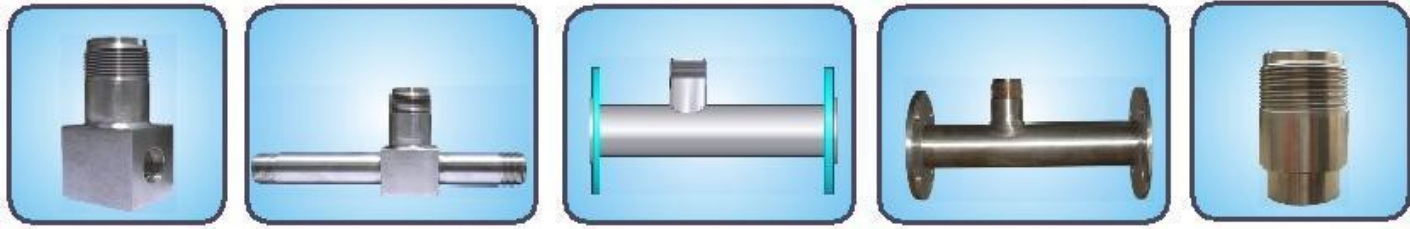


Technical Specifications:

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/cm ²
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

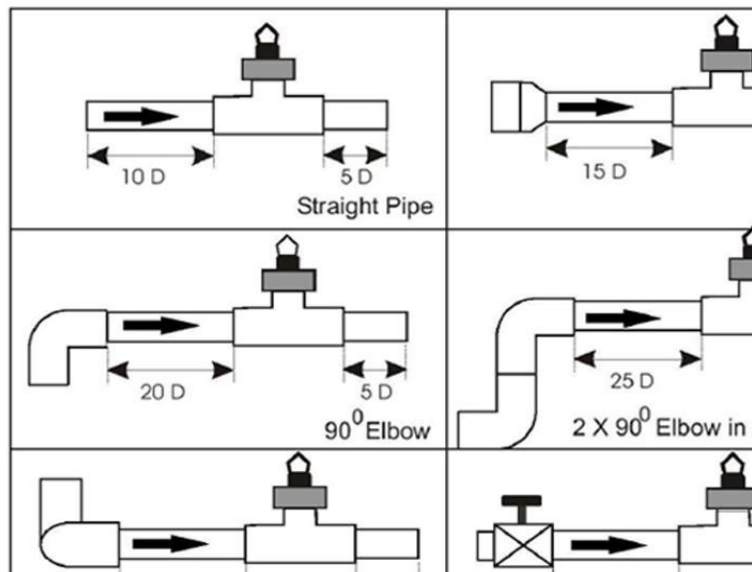


TYPE OF SENSOR INSTALLATION

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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