

NS – 150 FLOW SENSOR

Silent Features

- Flame proof enclosure
- Heavy duty industrial application
- Suitable for high temperature application
- Most Accurate
- Easy to install & maintain
- Wide range of installation fittings
- Can be used directly to PLC or datalogger
- Individually calibrated with fitting for K factor (ml/pulse)
- High amplitude output signal from sensor eliminates needs of re-transmission upto 100 meter
- 4 blade impeller for best performance
- Linear, repeatable & constant output
- Practical no pressure drop

Application

- Agriculture
- Boiler Condensate Water
- Beverages & Food
- Chemicals & Pharmaceuticals
- Concrete Batching Plant / Construction
- Filtration Systems
- Oil
- Power
- Textiles
- Water Treatment



General Description

NS-150 is a Stainless steel flame proof enclosure paddle wheel type flow sensor suitable for high temperature liquid application. It is most durable & advance type flame proof enclosure paddle wheel Sensor. It is unique combination of Iron piece / corrosion resistant featured in paddle / pin. It is used in various chemical industries for high temperature and pressure application. Sensor can be installed in wide range of pipe sizes fitting like threaded end / stubend with ms flange end / SS welded flange end / saddle & etc.

Line size flow range chart

Pipe Size(NB)	15	25	40	50	65	80
Min Flow M ³ /Hr	0.2	0.8	1.9	3.5	5.8	7.5
Max Flow M ³ /Hr	2.1	8.0	19	35	58	75
Pipe Size (NB)	100	125	150	200	250	300
Min Flow M ³ /Hr	14	22	31	56	87	126
Max Flow M ³ /Hr	140	220	310	560	870	1260

Range Details

- Pressure : Up to 20 kg/cm²
- Viscosity : Up to 20 CP
- Temperature : 0 to 100°C
- Velocity : 1 to 5 m/s
- Accuracy : \pm 2% of full scale

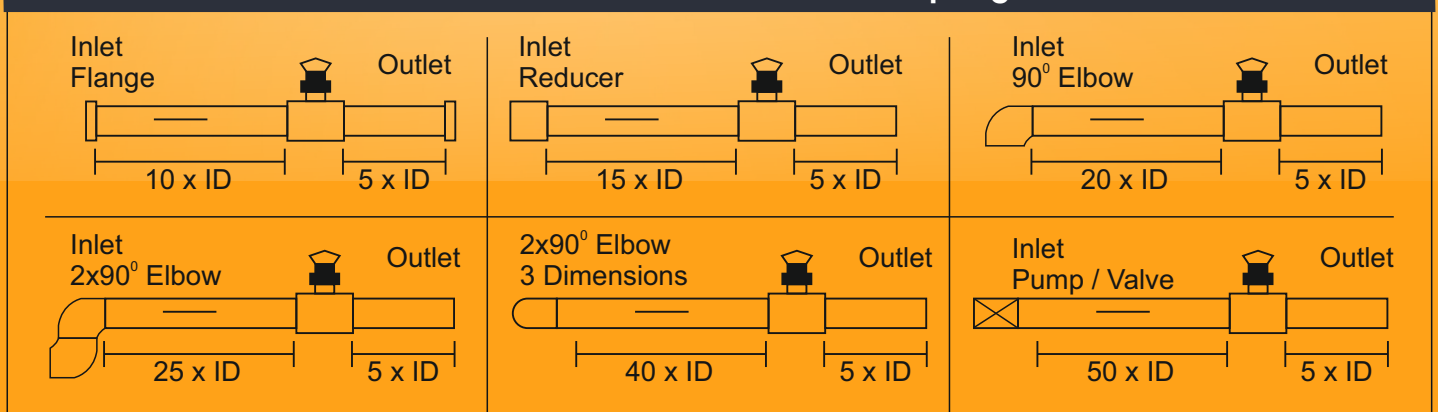
Material Details

- Sensor pipe : SS 316
- Paddle : SS
- Pin : WC
- Gasket : PTFE
- Bush : PEEK
- IP : 65

Electrical Details

- Output Signal : PNP / NPN
- Power Supply : 12-24 VDC
- Cable Type : 3 Core PTFE / PVC coating
- Cable length : 5 meters standard

Inlet and outlet distances that must be maintained as per guidelines formula chart



- Note :**
- In Vertical piping only Upstream flow is recommended
 - Flow meter + sensor + fitting should be installed before valve
 - Use a filter or Y type strainer is must for best result.



99706 06070 / 96651 55905



sales@ananyaenterprisespune.com



www.ananyaenterprisespune.com



Survey no-109, Shree Laxmi Residency, A-401, Raikar mala, near Maruthi mandir, Dhayari, Pune-411 041, Maharashtra.

Manufacturer of

- ✓ Flow meter
- ✓ Flow sensor
- ✓ Self priming
- ✓ Reversible pump

