

EUREKA INDUSTRIAL EQUIPMENTS PVT. LTD.

17-20, ROYAL CHAMBERS, PAUD ROAD , PUNE 411038

PHONE NOS : 020 25443079, 25451314

sales@eurekaflow.com



Liquid Turbine Flowmeter

www.eurekaflow.com

Liquid Turbine Flow Meter (Series EUTURB)

EUTURB consists of a multiple-bladed rotor mounted in a pipe, perpendicular to liquid flow. Liquid flows through the pipe causing a rotor to spin. As the rotor spins, an electrical signal is generated in the pickup coil. Pulses are counted & 4-20 mA gets generated with the use of converter.

Operating Conditions

Application : Water, Diesel, Gasoline, Oil etc.

Meter size : DN 4 to DN500

Flow : 0.04 - 0.25 to 400 - 4000 m³/h

Ambient Temperature : - 20 to +60 deg C.

Fluid Temperature : - 20 to +120 deg C.

Operating Pressure : for threading connection - 16 bar to 400 bar / for flange connection - as per flange rating

Performance

Repeatability: $\pm 0.2\%$

Accuracy: Standard: $\pm 1\%$ of reading

Wetted Components

Body: Standard SS304 (optional SS316)

Bearings and Shaft: Tungsten Carbide

Rotor: Standard - 2Cr13 Stainless Steel (optional Alloy CD4Mcu)

Retaining Rings: SS316

Power supply, Protection

Power Supply : 24 VDC / Battery operated

Flow, Totaliser display : optional

Transmitter: 4 to 20 mA DC current signal

Housing : non ex. Proof / ex. proof

Protection : IP65

NOMINAL DIAMETER		STANDARD FLOW RANGE WATER
(mm)	(in.)	(m3/h)
4	0.15	0.4 to 0.25
6	0.25	0.1 to 0.6
10	0.4	0.2 to 1.2
15	0.5	0.6 to 6
20	0.75	0.8 to 8
25	1	1 to 10
32	1.25	1.5 to 15
40	1.5	2 to 20
50	2	4 to 40
65	2.5	7 to 70
80	3	10 to 100
100	4	20 to 200
125	5	25 to 250
150	6	30 to 300
200	8	80 to 800