

TURBINE FLOW METER

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MODEL : CTP Series (UPVC / PTFE)

DESCRIPTION

CTP Series : Turbine Flowmeter for Liquids
They are based on the principle of the Woltmann rotating vane meter. They are highly accurate and durable flowmeters. Especially, they are suitable for chemical and corrosive application due to their body material are UPVC or PTFE.

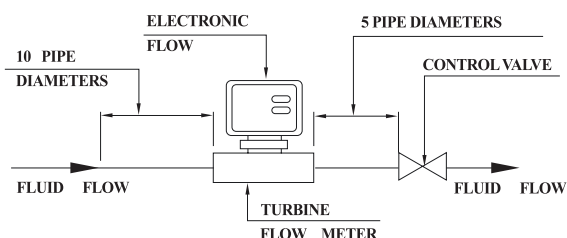
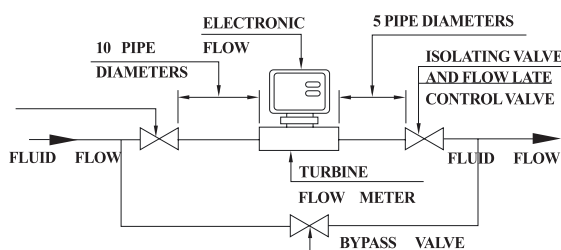
FEATURES

- Flow rate/ total rate/ accumulated rate
- Output : Pulse / 4-20mA /Alarm /communication (except CTC-4/5)
- Ex d IIB T6 enclosure class - (except CTC-4)
- Body material - UPVC or PTFE (useful for sea water)



FLOW CHART

SIZE		LIQUID(m ³ /H)FLOW RATE	Length(mm)
15A	1/2B	0.15 - 1.5	90
20A	3/4B	0.2 - 2	90
25A	1B	0.3 - 3	90
32A	1 1/4B	0.6 - 6	90
40A	1 1/2B	1.0 - 10	90
50A	2B	2.0 - 20	90
65A	2 1/2B	3.0 - 30	90

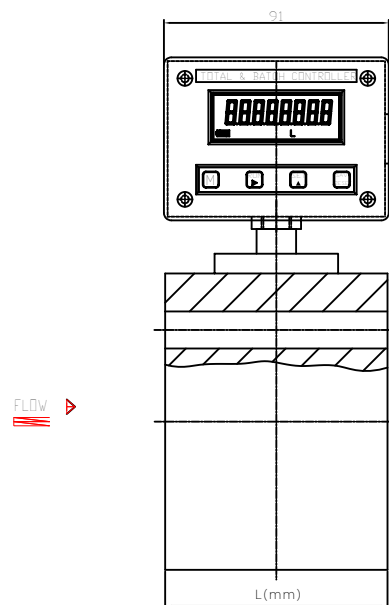


SPECIFICATION

* MEASURING	Liquid
* METER SIZE	15A(1/2") ~ 65A(2 1/2")
* MATERIAL	Body : UPVC / PTFE Rotor : UPVC / PEEK / PTFE Indicator : AL Flange : UPVC / PTFE Other Materials on Request
* PRESSURE RATING	7 kgf/cm ² (Standard)
* TEMPERATURE	0~ 60 °C (Standard)
* CONNECTION	Flange Connection -Wafer(JIS / ANSI / DIN / other) Screw Connection
* ACCURACY	+/- 1.0% of FS
* REPEATABILITY	+/- 0.1%
* DISPLAY	2-LINE 8 Digit LCD
* OUT PUT (Except CT-4/5)	Alarm(Rate, Total) / 4-20mA(non isolated) /Pulse(open collector) Option :Communication(RS-485)
* POWER SUPPLY	DC 24V (4wire) AC 110-220V (50~60Hz) Battery (Lithium) - none output

MATERIAL

PART LIST	MATERIAL	
	C	E
Body	UPVC	PTFE
Flange	UPVC	PTFE
Rotor Support	UPVC / PEEK / PTFE	
Rotor	UPVC / PEEK / PTFE	
Rotor Shaft	ZIRCONIA	



DIMENSION

ORDERING CODE

