

Insertion Type Electromagnetic Probe Introduction

For use in large diameter pipes or open channels as an economical solution for liquid metering.

Flow rate for liquids with electrical conductivity better than 5 $\mu\text{s}/\text{cm}$, for example.

- Water treatment
- Sewage treatment
- Acid, neutral or alkaline solutions
- Chemical and pharmaceutical products

Suitable for use at low and medium temperatures.



EL5000 Compact Type EL5000 Separate Type

Benefits

- Readings are independent of density, temperature, viscosity and pressure
- Alternating magnetic field for metering avoids electrolysis
- Absence of obstructing elements gives low pressure loss and will allow the pass of solids
- Can be mounted in any position, provided that the pipe is always full
- Low power consumption
- Good stability with temperature and age
- No moving parts provides zero maintenance
- Can be installed with short straight pipe sections(10DN/5DN)
- Good chemical resistance of construction materials

Standard Specification

Body material	Stainless steel AISI 304, Stainless steel AISI316(optional)
Accuracy	1.5%
Size for pipe line \varnothing	Size 1 \varnothing 65-500mm, Size 2 \varnothing 600-1000mm, Size 3 \varnothing 1200-2000mm/ Other on request
Nominal pressure	PN16/ Other on request
Process connection	Filettato \varnothing 28mm-Other on request
Connection material	Stainless steel AISI 304
Liquid temperature	-20°C~100°C/ -20°C~150°C separato
Lining material	PTFE
Electrode material	Stainless steel 316L, Hastelloy B, Hastelloy C, Titanium, Tantalum, Platinum
Process connection	1"NPT, Flange Other on request
Grade of protection	Compact type : IP67, Separate type : IP68

Flow Meter Caliber, Flow Rate Curve Chart

