ELECTROMAGNETIC FLOW METER

KA SERIES - TRI-CLAMP TYPE

Flow Measurement & Monitoring

DESCRIPTION

The Electromagnetic Flowmeter highly reliable and performance to accurately measure the flowrate of liquids, paper pulp, slurry and mineral slurry which has an electrical conductivity greater than 5 µ S/cm.

KA Integral Type is a flow measurement system in a compact design which integrates the primary and signal converter. It is also easy changeover of integral and remote models.

KA Remote Type flow measurement system consists of a flowmeter primary and remote mounted converter with fully SS316 body material and connection. It's widely used for pharmaceutical, food and beverages, and public utilities industries.

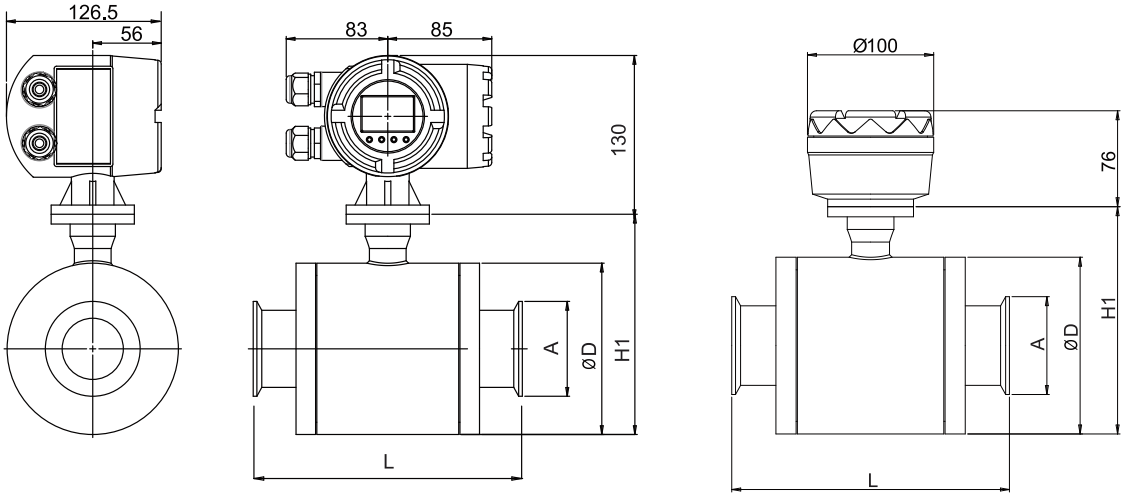
FEATURES

- ✓ Whole welded structure
- ✓ Good sealing performance
- ✓ Zero-point stability
- ✓ Small power consumption
- ✓ Simple and reliable, no moving parts inside; virtually no pressure loss
- ✓ Low-frequency square wave, anti-jamming performance
- ✓ User friendly, easy maintenance.

TECHNICAL FEATURES

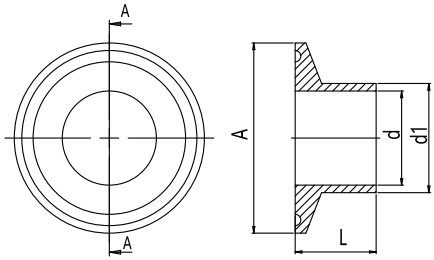
Body Material	SS 316 / SS 304
Diameter	DN10 - DN100
Electrode	316L / Hb / Hc / Ti / Ta / Pt
Liner	PTFE, PFA, F46
Medium	Conductive liquids
Conductivity	≥ 5µ s/cm / Softened water ≥ 20µ s/cm
Accuracy	±0.5% M.V / ±1.0% M.V
Op Temperature	-20 to 80˚C (Compact); -20 to 120˚C (Remote)
Op Pressure	6 - 16 Bar (based on diameter)
Protection class	IP65 / IP67 / IP68 (Remote converter)
Output	4-20mA / Frequency / Pulse Output Signal
Power supply	220V AC / 24V DC
Installation type	Compact / Remote
Connection	Tri-clamp Type

DIMENSION/DRAWING



Compact Type

Remote Type



Tri-clamp Type

DN (mm)	L (mm)	D (mm)	H1 (mm)	A (mm)	d1 (mm)	d (mm)	L (mm)
10	180	91	130	50.5	13	10	21.5
15	180	91	130	50.5	19.5	15	21.5
20	180	91	130	50.5	23	15	21.5
25	180	91	130	50.5	29	15	21.5
32	190	105	100	50.5	35	15	21.5
40	200	120	110	64	41	15	21.5
50	220	140	125	77.5	53	15	21.5
65	230	150	145	91	70	20	21.5
80	240	160	160	106	85	20	21.5
100	270	190	180	119	104	20	28

Note: A and d1 is subject to change. Please refer to ISME for confirmation