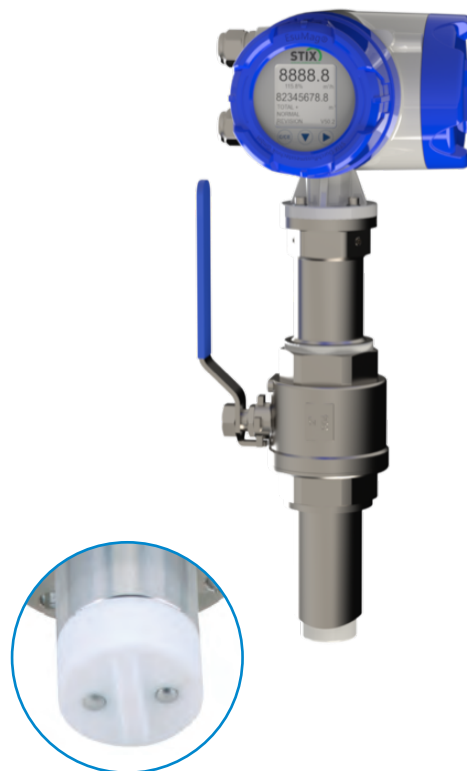


Insertion Electromagnetic Flowmeter

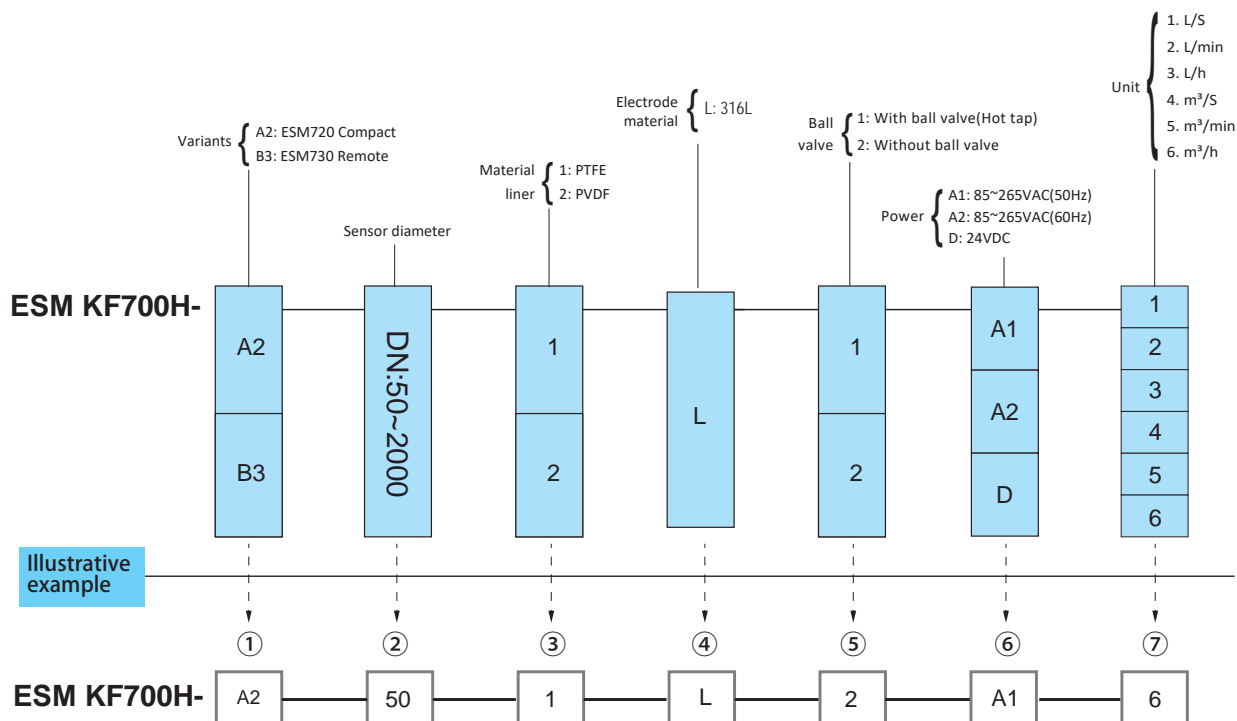
Performance feature

The EsuMag Insertion ESM KF700H is a magnetic-inductive flowmeter for accurate measurement of liquids in all types of industrial plants, as well as in water, waste water and cooling systems. The meter, with a digital display, can be used for all liquids with electrical conductivity > 20µs / cm.

Diameter	DN50 to DN2000
Material electrodes	316L
Material liner	PVDF, PTFE
Medium	conductivity liquids
Medium conductivity	≥20µ s/cm
Accuracy	±2% RS
Velocity of flow	0.3 m/s to 10 m/s
Converter	Compact = ESM720 / Remote = ESM730
Direction of measure	forward / reverse
Environment temp.	-25°C to 60°C, relative humidity 90%
Working pressure	0.6 MPa to 1.6 MPa
Working temperature	-25 C to 80 C
Power supply	85~265 VAC (50HZ or 60HZ), 24 VDC
Installation	compact and remote



How to order



* Remark: For remote type, please specify the cable length(Standard is 8M).

Insertion Electromagnetic Flowmeter

External dimensions

Unit (mm)

DN (mm)	L	A	C	H	Normal flow(m³/h)
50	100	48	6.25	45.75-S	35
80	100	48	10	42-S	90
100	100	48	12.5	39.5-S	140
125	100	48	15.625	36.375-S	200
150	120	48	18.75	53.25-S	300
200	120	48	25	47-S	600
250	120	48	31.25	40.75-S	900
300	140	48	37.5	54.5-S	1200
350	140	48	43.75	48.25-S	1800
400	140	48	50	42-S	2000
500	160	48	62.5	49.5-S	3500
600	160	48	75	37-S	5000
700	180	48	87.5	44.5-S	7000
800	180	48	100	32-S	9000
900	200	48	112.5	39.5-S	11000
1000	213	48	125	40-S	15000
1200	238	48	150	40-S	20000
1400	263	48	175	40-S	30000
1600	288	48	200	40-S	35000
1800	313	48	225	40-S	45000
2000	338	48	250	40-S	60000

