

## ELECTROMAGNETIC FLOW METER

### KF700MD SERIES - MINI ELECTROMAGNETIC TYPE

Flow Measurement  
& Monitoring



#### DESCRIPTION

KF700MD series Magnetic Inductive Flowmeter operates according to the principle of induction cater for low flow. There are no moving parts, no mechanical wear and tear, compact size design and easy for installation. It is an alternative of paddle wheel flowmeter when measuring chemical usage or fluid with conductive. Suitable for continuously flow measurement on wide range of applications. Regarding flow proportional output signals, two options are available depending on model selection, frequency output signal or analogue and frequency output signal. Pulse rate can be pre-configured at factory for any special flow measurement.

#### FEATURES

- ✓ Flowrate and totalizer display
- ✓ 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

<b>Diameter</b>	DN2 - DN25
<b>Electrode</b>	316L
<b>Medium</b>	Conductive liquids
<b>Conductivity</b>	$\geq 5\mu\text{s/cm}$ , softener water $\geq 20\mu\text{s/cm}$
<b>Accuracy</b>	$\pm 2\%$ R.S
<b>Op Temperature</b>	-10 to 60°C
<b>Op Pressure</b>	6 - 10 Bar
<b>Protection class</b>	IP65
<b>Output</b>	4-20mA / Pulse Output
<b>Power supply</b>	24V DC
<b>Installation type</b>	Compact
<b>Body Material</b>	Aluminium
<b>Connection</b>	Thread / Flange
<b>Connection Material</b>	SS316
<b>Connector</b>	M12 Plug

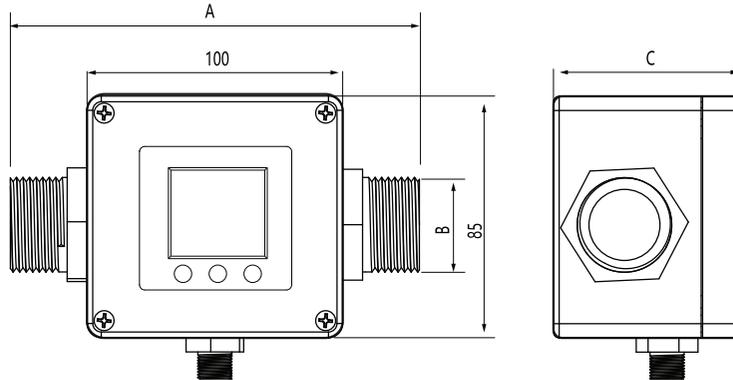
I-SYSTEM MEASUREMENT  
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**DIMENSION/DRAWING**



DN (mm)	Flow Range (L/min)		Male (BSP)	A	C
	Standard	Special			
2	0.1 - 1	0.1 - 2	BSP 3/8"	130	68
3	0.2 - 2	0.2 - 4	BSP 3/8"	130	
4	0.4 - 4	0.4 - 8	BSP 3/8"	140	
6	0.8 - 8	0.8 - 16	BSP 3/8"	140	
8	1.5 - 15	1.5 - 30	BSP 1/2"	160	
10	2 - 20	2 - 40	BSP 1/2"	160	
15	5 - 50	5 - 100	BSP 1/2"	160	
20	9 - 90	9 - 180	BSP 3/4"	160	
25	15 - 150	15 - 300	BSP 1"	170	

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