

# FLOMAG

## MAGNETIC INDUCTION FLOWMETER

The FLOMAG series of flow meters are designed for the measurement of conductive liquids in industrial applications such as chemical production, water and waste treatment, industrial process control and building services.

Their robust construction make them ideally suited for the most arduous of duties and a choice of either local or remote displays allows a wide variety of installation options.

Standard features include:

- 100:1 Flow measurement ranges
- High stability electronics
- Large backlit 2 line display
- Fast set up menus
- Choice of analogue outputs
- Choice of pulse/frequency outputs
- Self cleaning electrodes



### Standard specifications.

Power supply	115/230V ac (+10%-15%) 50 Hz, 24V ac/dc
Power consumption:	10 VA
Protection:	IP 65 Electronics, IP 67 Sensor
Operating temperature:	150 oC max. with PTFE Liner. (-5 to 55 oC ambient)
Flow velocity range:	0.1-10 m/s
Accuracy:	Less than 0.5% of measured value in the range 5-100% Qmax, less than 1% of measured value in the range 1-5% Qmax.
Display:	Local 2 line alphanumeric display of 9.6 mm high characters with backlight.
Outputs:	Analogue: 0-5/0-10/0-20/4-20mA Pulse: max. 50 Hz Frequency: 1 Hz to 10KHz RS 232 and RS 485 optional.
End connections:	Flanged BS4504 NP16 standard Other rating available on request.
Liner Materials:	PTFE or hard rubber.
Electrodes:	CrNi steel.

## FLOWMAG STANDARD FLOW RANGES

Meter size DN mm	l/s		m3/h	
	Qmin	Qmax	Qmin	Qmax
4	0.00125	0.125	0.0045	0.45
6	0.0028	0.28	0.01	1
10	0.008	0.8	0.03	3
15	0.02	2	0.07	6
20	0.03	3	0.12	12
25	0.050	5.0	0.18	18
32	0.1	8	0.30	30
40	0.12	12	0.5	45
50	0.2	20	0.7	72
65	0.3	32	1.2	120
80	0.5	50	1.8	180
100	0.8	80	2.8	280
125	1.2	120	4.3	430
150	1.8	180	6.5	650
200	3.2	320	11.5	1150
250	5.0	500	18	1800
300	7.0	700	25.2	2520
350	9.6	960	35	3500
400	12.5	1250	45	4500
500	20.0	2000	72	7200
600	28	2800	100	10000
700	38.5	3850	140	14000
800	50.0	5000	180	18000
900	63.5	6350	230	23000
1000	78.5	7850	280	28000
1200	113	113000	400	40000

Note: The meter should be selected so that the operating flows are within 5-50% of Qmax.

DN	L(mm)	
	hard Rubber	PTFE
4-10	120	120
15-20	138	134
25-100	215	211
125-150	305	301
200-250	380	376
300-500	515	511
600	615	611
700	715	711
800-900	815	811
1000-1200	1015	1011

**PN 16 Flanges standard**  
**PN 25 and PN40 optional**



Local Agent.

