



## Electromagnetic Flow Meter

# Configuration Sheet

### REFERENCE INFORMATION

CUSTOMER/COMPANY		DATE
CONTACT/TITLE		
PHONE	FAX	
SUBMITTED BY REP AGENCY AND SALESPERSON		
PHONE	FAX	

### INSTRUMENT

TRANSMITTER MODEL	SENSOR MODEL
REMOTE CABLE (if applicable)	QUANTITY

The following table shows flow ranges for various sensor sizes. Optimal performance takes place between 5–50% of the maximum flow rate. Calibrations are standard for the ranges below.

Size (in)	Size (DN)	Min (USG/min)	Max (USG/min)	Min (m3/h)	Max (m3/h)	Min (l/s)	Max (l/s)
1/2"	15	0.29	28.5	0.065	6.5	0.018	1.8
3/4"	20	0.53	52.8	0.12	12	0.033	3.3
1"	25	0.79	79.3	0.18	18	0.05	5
1-1/4"	32	1.32	132	0.3	30	0.083	8.3
1-1/2"	40	1.98	198.1	0.45	45	0.125	12.5
2"	50	3.17	317	0.72	72	0.2	20
2-1/2"	65	5.28	528.3	1.2	120	0.333	33.3
3"	80	7.93	792.5	1.8	180	0.5	50
4"	100	12.33	1232.7	2.8	280	0.778	77.8
5"	125	18.93	1893.2	4.3	430	1.194	119.4
6"	150	28.62	2861.8	6.5	650	1.806	180.6
8"	200	50.63	5062.6	11.5	1150	3.194	319.4
10"	250	79.25	7925.2	18	1800	5	500
12"	300	110.95	11095.2	25.2	2520	7	700
14"	350	154.07	15406.5	35	3500	9.72	972
16"	400	198.13	19812.9	45	4500	12.5	1250
20"	500	317.01	31700.7	72	7200	20	2000
24"	600	440.32	44032.2	100	10000	27.78	2778
28"	700	616.42	61641.9	140	14000	38.89	3889
32"	800	792.52	79251.6	180	18000	50	5000

### FACTORY CONFIGURATION

Flow Units (check one)				<table border="1"> <tr> <td></td> <td><b>4 mA value</b></td> <td><b>20 mA value</b></td> </tr> <tr> <td>Flow</td> <td></td> <td></td> </tr> </table> <p>If not specified, MAGNETROL will use: 4mA = 0; 20 mA = Max</p>			<b>4 mA value</b>	<b>20 mA value</b>	Flow		
	<b>4 mA value</b>	<b>20 mA value</b>									
Flow											
<input type="checkbox"/> l/h	<input type="checkbox"/> m3/min	<input type="checkbox"/> USG/s	<input type="checkbox"/> kg/h*								
<input type="checkbox"/> l/min	<input type="checkbox"/> m3/s	<input type="checkbox"/> UKG/h	<input type="checkbox"/> t/h*								
<input type="checkbox"/> l/s	<input type="checkbox"/> USG/h	<input type="checkbox"/> UKG/min	<input type="checkbox"/> f3/s								
<input type="checkbox"/> m3/h	<input type="checkbox"/> USG/min	<input type="checkbox"/> UKG/s	<input type="checkbox"/> MGD								
*Density (g/l)				Empty Pipe Detection <input type="checkbox"/> Yes <input type="checkbox"/> No							

