

Model SF

Plastic Fertilizer Meter

The SF is a fertilizer & chemical solutions meter with electrical output and a totalizing register. The impeller is the only moving part, inside the meter, that comes into contact with the liquid.



Applications

- Fertilizing control in automated irrigation systems
- Industrial applications involving corrosive liquids

Available Sizes

1/2" (15mm)

Features

- EV Output
- Mechanical register with totalizer, 3 pointers and leakage detector
- High accuracy
- Corrosion resistant plastic components
- Small & lightweight.
- Compatible with Dialog automatic reading system

Technical Specifications

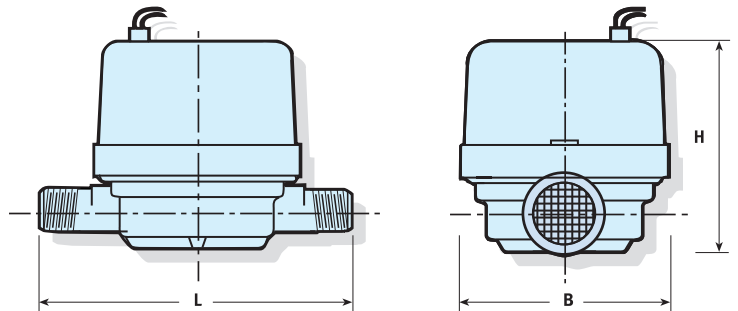
Maximum Working Pressure	5 bar
Maximum Working Temperature	50°C
Body	PPS
Connection	3/4" BSP
Electrical output	0.1, 1 and 10 liter / pulse

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Dimensions

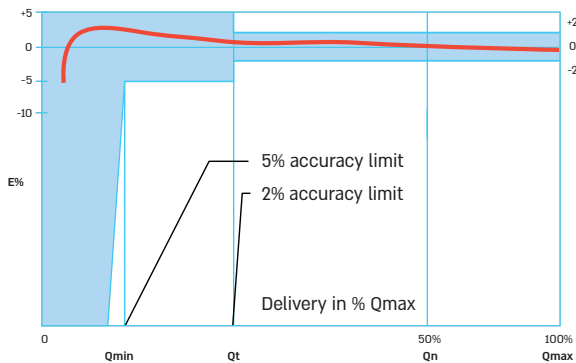
Model		SF
Nominal size	(mm)	15
	(inch)	1/2
L - Length (mm)		110
H - Height (mm)		81
B - Width (mm)		77
Weight (kg)		0.28



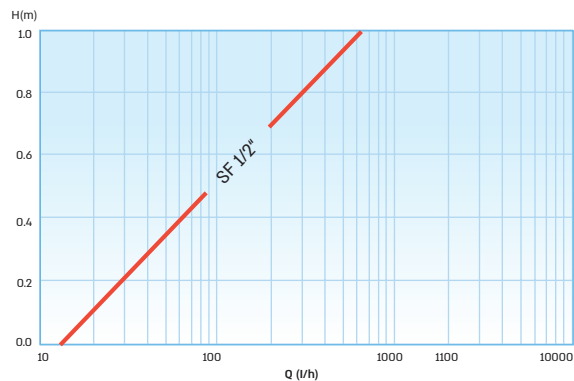
Performance data:

Model SF		QMAX Maximum flowrate (l/h)	Qt Lowest Flowrate Measured between $\pm 2\%$ (l/h)	Qmin Lowest Flowrate Measured between $\pm 5\%$ (l/h)	Loss of Head at Maximum flow rate (bar)
Nominal size					
(mm)	(inch)				
80	1/2	750	70	25	0.12

Accuracy Curve



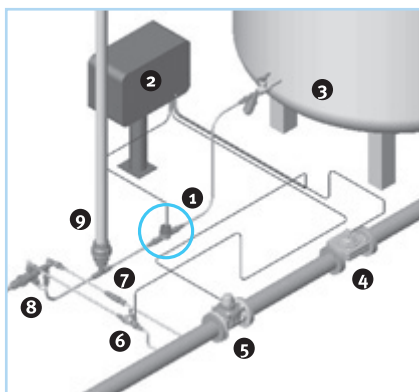
Head Loss Curve



Installation Requirements

The fertilizer meter should be installed in horizontal position.

Installation Scheme



1. SF Fertilizer Meter
2. Irrigation computer
3. Fertilizer tank
4. Hydraulic valve
5. Water meter
6. Hydraulic valve
7. Flow limiter valve
8. Fertilizer Pump
9. 75 mm damping pipe