

# PRODUCT BULLETIN

## ELECTRONIC FLOTROL TURBINE WATER METERS

The FLOTROL electronic turbine water meters are manufactured with a fiber reinforced polymer with a wide range of connectors. They offer a heavy duty performance with a +/- 5% accuracy for a wide range of flows to cover residential and small commercial applications. Meters are to be installed in a horizontal or a vertical position with the flow going up. Make sure to eliminate all air in piping for proper performance.

### FEATURES

- Electronic meters using K factor.
- Small light weight meters.
- Modular design with plastic housing and different connectors.
- Simplified design with ceramic turbine pivots and robust design.

### BENEFITS

- Easy to program on any controller that uses "K" factors for meters. To be used on single or multiple units systems.
- Safe for in line piping installation when proper piping support guidelines are followed.
- Easy piping and high flexibility with an attractive low cost.
- Long durability with reliable performance.

1" METER



1.5" METER



2" METER



3/4" METER

 **FLOTROL**®

# FLOTROL WATER METERS



## ELECTRONIC METERS SPECIFICATIONS

- Pressure range:	20 - 125 psig/1.4 - 8.6 Bars/0.14 - 0.86 MPa					
- Temperature range:	34 - 109 Fahrenheit/1 - 43 Centigrades					
DESCRIPTION	"K" Factor		Program		Cv	Range
	Pulses/gal	Pulses/ltr	US	Metric		gpm
3/4" two ports plastic meter	132	34.9	F132	F34.9	13.5	0.25-15
Plastic bypass with 1" couplers	76.4	20.2	F76.4	F20.2	6.6	0.30 - 25
New 1" plastic meter with couplers	71.2	18.8	F71.2	F18.8	24.7	0.30 - 40
1.5" plastic meter	9	2.4	F--9	F-2.4	46	1.5 - 100
2" plastic meter	9	2.4	F--9	F-2.4	49	2.0 - 150

NOTE: 1", 1.5" and 2" meter are patent protected # ZL 2012 2 0290176.1

## ELECTRONIC PLASTIC METER OPTIONS

PN	Description
100-00004-00	3/4" two ports meter for F20/N25/T25 valves (18.5" length meter cable)
100-00078-00	1" Plastic meter with 1" NPTF connectors (99" length meter cable)
100-00102-00	1" Plastic meter with 1" NPTM connectors (99" length meter cable)
100-00076-00	1" Plastic meter with 1" BSPF connectors (99" length meter cable)
100-00101-00	1" Plastic meter with 1" BSPM connectors (99" length meter cable)
100-00077-00	1" plastic meter with PVC sweat connectors (metric, 99" length meter cable)
100-00197-00	1" plastic meter with PVC sweat connectors (US, 99" length meter cable)
100-00208-00	1.5" plastic meter with PVC sweat (metric, 300" length meter cable)
100-00209-00	1.5" plastic meter with PVC sweat (US, 300" length meter cable)
100-00205-00	2" plastic meter with PVC sweat (metric, 300" length meter cable)
100-00206-00	2" plastic meter with PVC sweat US, 300" length meter cable)

Cable options available 18.5" , 35" , 99" and 300"

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