

# MS3810

## AC, DC OR BATTERY OPERATED INSERTION MAGNETIC FLOWMETER

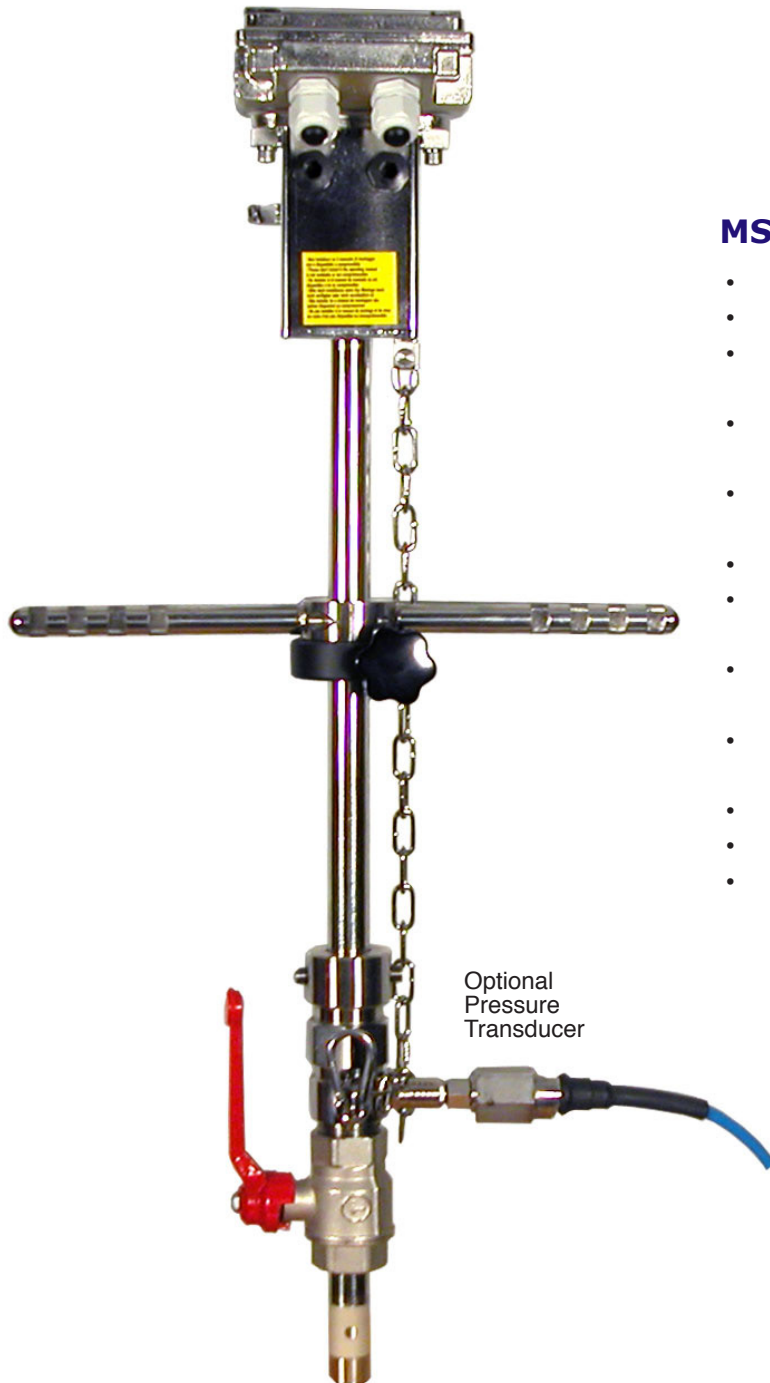
Economical solution for measuring flows in large diameter pipes



*The MS3810 conforms to the requirements of NSF/ANSI Standard 61!*

### MS3810 FEATURES

- No moving parts
- Hot-tap capable
- Enables installation without shutting down or emptying the pipe
- Probe fits thru standard 1" NPT connection
- Easy installation suitable for permanent or temporary installations
- Wide choice of transmitters
- Battery operated option ideal for use in water loss studies
- Suitable for pipes ranging from 3 thru 300 inches in diameter
- "Push-in" type insertion/retractor allows for fast pipe flow profiling
- Bi-directional flow measurement
- Optional pressure transducer
- Every sensor is factory wet calibrated and tested.



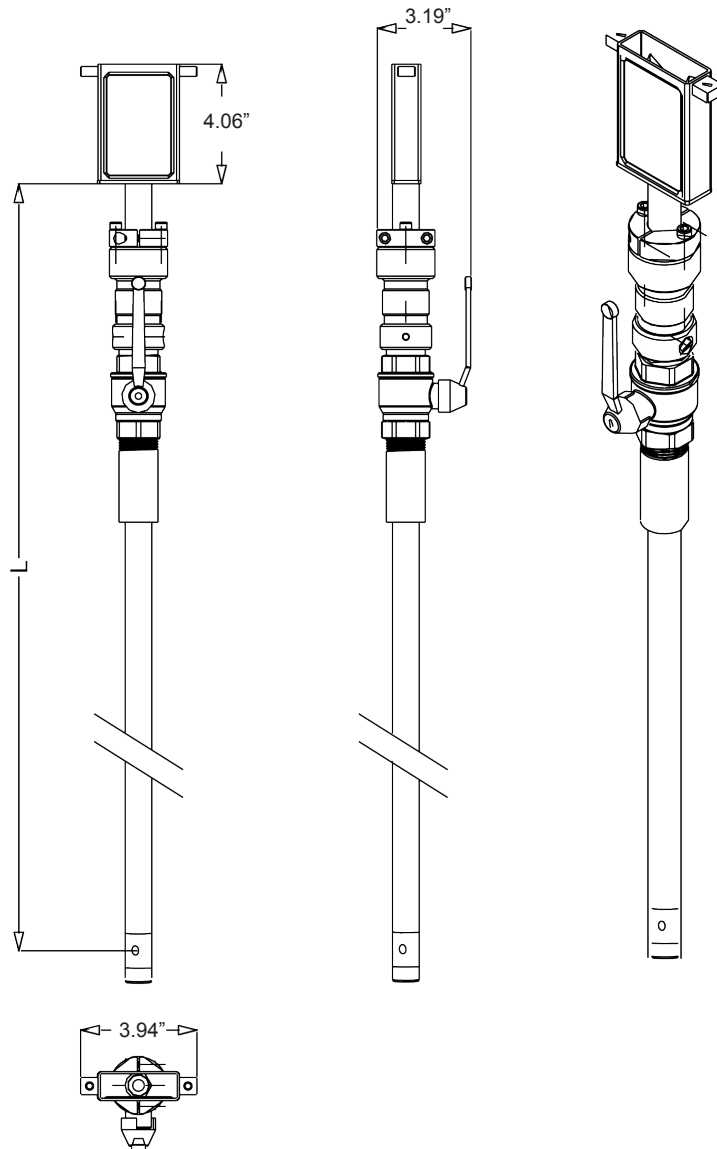
**ELECTROMAGNETIC FLOWMETER**

# FLOMOTION MS3810 ENGINEERING SPECIFICATIONS

## MS3810 Flow Sensor

- Accuracy: See relevant converter data sheet
- Repeatability:  $\pm 0.5\%$
- Temperature (Liquid)  
32 to 212°F
- Nominal Pressure: 360 PSI (higher on request)
- Environmental Rating:  
NEMA 6 - Compact Version  
NEMA 6P - Separate Version (max 65 FT cable length)
- Fluid Conductivity:  
5 mS/cm (min)  
20mS/cm for ML145/ML255
- Electrode Head: PEEK
- Electrode Material: 316 S.S. (other on request)
- Gasket Material: FPM (O-ring)
- Process Connection: 1" Threaded
- Body Material: 316 S.S.
- Connection Enclosure: 304 S.S.

## AVAILABLE SIZES AND DIMENSIONS



	Max Depth	L
SIZE 0	6"	20.3"
SIZE 1	12"	26.2"
SIZE 2	20"	34.1"
SIZE 3	28"	41.9"
SIZE 4	40"	53.7"
SIZE 5	80"	93.1"

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