



tekMag Magnetic Flow Sensors

tekMag technology has made it possible to offer one the most exciting range of magnetic flow sensors available from one company. With a large magnetizing current, high exciter frequency, coupled with low power consumption, the **tekMags** have high quality signal : noise ratio. Permanent coatings on the liner and electrodes such as greasy raw sewage, calcium carbonate, have virtually no effect on accuracy. All **tekMags** are supplied with Calibration Certificates traceable to the USA National Institute of Standards and Technology (NIST) and other International recognized standards.

The low power feature has enabled battery & solar driven high quality magnetic flow sensors to sizes as large as 600mm (24") which was not possible just a few years ago.



tekMag Compact TM03



tekMag Compact TM06

Features:

- One of the highest signal to media noise ratio available
- High accuracy < +/- 0.2% of reading > 0.1m/s (0.3% fps) converter dependent
- Resolution to 1000th of range
- NIST traceable accuracy or internationally traceable
- Sensor sizes from 2mm – 2000mm (0.078” – 80”)
- Wide range of liner and electrode materials
- Explosion proof options
- High pressure option to 250 bar g (3620 psig), temperatures to 150° C (300°F)
- ‘No liner’ insertion sensors with under pressure installation for 50 – 2000mm (2” – 80”)
- Wide range of compact or remote converters, with analog, pulsed, or frequency outputs and protocols
- Low cost plastic and metal construction wafer style sensors
- All stainless steel sanitary sensors with 3A Approval Tri-Clamp and DIN 11851 connections
- Meets European Directive EN61326 1/A1 electro magnetic immunity
- Meets European Pressure Equipment Directive - Sound Engineering Practice
- Battery or solar operated up 600mm (24”) diameter
- There is a choice of 2 Converters for **tekMag TM03**. They may be compact or remote, but all have the same unique **Tekflo** technology. These range from the basic to those that maybe 0.2% accuracy, submerged or have communication protocols, or with explosion proof option.

Please see the **tekMag TMC03** and **TMC04** specifications