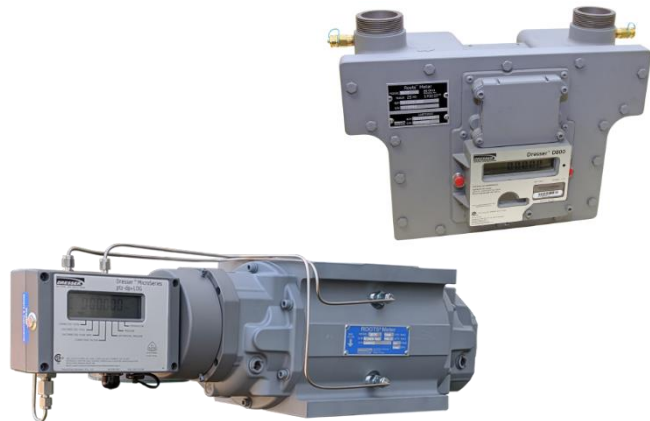


## GAS METERS



**Machine Category:**  
Gas Meter

**Industry:** Controls Systems Sensors

**Country:** USA

**Product Series:**  
Wiegand Sensor (Pulsing) / Wiegand Pulsing System

**Specification:**  
Pulsing components and system compatible with HID Series 2000 components

**Competing Technical Solution:**  
- In house Wiegand sensor production

### Benefits of Technical Solution

Several designs use 2 Wiegand sensors and a spinning magnet to create a 2ppr incremental encoder to measure gas flow in rotary meters.

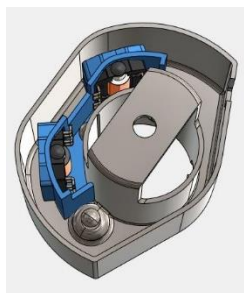
Yield of self made Wiegand sensors became too low over time, thus a better solution from UBITO was requested. UBITO performed some tests and recommended use of the COTS WFS design. In addition UBITO consulted on the re-design of the existing system and provides manufacturing and testing services to customer for one system so far.

<https://dresserutility.com/wp-content/uploads/NGS-MI-0005.pdf>

### Reasons for Choosing POSITAL

- deep Wiegand and application knowledge
- high quality Wiegand sensors
- able to consult on, design and manufacture Wiegand Systems

**Author:** CFE



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