

# Level Plus<sup>®</sup>

## Magnetostrictive Liquid-Level Transmitters with Temposonics<sup>®</sup> Technology

### Blending Tanks Application Note

**INDUSTRY:** Pharmaceutical & biotechnology  
**PRODUCT:** Water solutions & buffers



#### APPLICATION OVERVIEW

Automatic tank gauging of the level in blending tanks mixing water, acids, bases, and/or buffers to create buffers solutions. The interactions during the blending process can create a layer of foam or foam balls that can cause inaccurate level measurement.

#### KEY REQUIREMENTS

- Sanitary (hygienic) wetted parts
- Accurate level measurement of product
- High performance through foam
- High performance during agitation
- CIP capable

#### MTS SENSORS SOLUTION SoClean Transmitter

- 3-A certified design to standard 74-06 sensors and sensor fittings and connections
- Accurate level measurement of the product level to  $\pm 1$  mm (0.039 in.)
- The SoClean model is not affected by foam as the float passes through foam and directly measures the liquid
- The SoClean model is not affected by agitation as the rigid 5/8" OD pipe is strong enough not to bend or vibrate during agitation
- The SoClean model has been used by numerous customers with their CIP process without fault



**SoCLEAN<sup>®</sup>**  
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**Document Part Number:** 550952 Revision B 11/2019

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