

Application Note

Level Plus®

Magnetostrictive Liquid Level Transmitters with Temposonics Technology

Blending Tanks

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

TEMPOSONICS 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 ± 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®

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