

Application Note

Level Plus®

Magnetostrictive Liquid Level Transmitters with Temposonics Technology

Accurate Measurement of Spirits

INDUSTRY: Food & beverage
PRODUCT: Bourbon, Whiskey, Gin, etc.



APPLICATION OVERVIEW

Automatic tank gauging of process and storage tanks for the distillation of alcoholic spirits.

KEY REQUIREMENTS

- Sanitary (hygienic) wetted parts
- Clean-in-Place (CIP) and Steam-in-Place (SIP) capable design
- Accurate level measurement of product
 - Minimize loss of product during production
 - Precise inventory records for taxation
- Install into existing tanks and openings
- Integral temperature measurement of product

TEMPOSONICS SOLUTION SoClean Level Transmitter

- 3-A certified design to standard 74-06 sensors and sensor fittings and connections
- Wetted parts are CIP and SIP ready and external parts are washdown ready
- Accurate level measurement of the product level to ± 1 mm (0.039 in.)
- Several Tri-Clamp (1'-6") mounting options
- No special restriction on mounting near wall of tank or internal structures as long as no contact with the float
- Integral temperature measurement



SoCLEAN®
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