Accurate Measurement of Spirits
Application Note

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

MTS SENSORS 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®
LPSMA1C14D1F3XXU04800S

Document Part Number: 551014 Revision C 10/2019

MTS Systems Corporation
Sensors Division
3001 Sheldon Drive
Cary, N.C. 27513
Phone: +1 919 677-0100
E-mail: info.us@mtssensors.com

MTS, Temposonics and Level Plus are registered trademarks of MTS Systems Corporation in the United States; MTS SENSORS and the MTS SENSORS logo are trademarks of MTS Systems Corporation within the United States. These trademarks may be protected in other countries. All other trademarks are the property of their respective owners. Copyright © 2019 MTS Systems Corporation. No license of any intellectual property rights is granted. MTS reserves the right to change the information within this document, change product designs, or withdraw products from availability for purchase without notice. Typographic and graphics errors or omissions are unintentional and subject to correction. Visit www.mtssensors.com for the latest product information.