

Level Plus[®]

Magnetostrictive Liquid-Level Transmitters with Temposonics[®] Technology

Bioreactors Application Note

INDUSTRY: Pharmaceutical & biotechnology
PRODUCT: Proprietary liquid with blood plasma



APPLICATION OVERVIEW

Automatic tank gauging of the level in bioreactor for proprietary liquids that can cost upwards of \$100,000 per 1/8 ". The highest level of accuracy is a must to monitor the process and prevent the loss of a batch.

KEY REQUIREMENTS

- Sanitary (hygienic) wetted parts
- Accurate level measurement of product
- 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
- Electropolished Ra 15 μ m. surface finish
- Accurate level measurement of the product level to ± 1 mm (0.039 in.)
- 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[®]
LPS1A1E24D0XXXXU08100S

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

Document Part Number: 550675 Revision E 11/2019

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.