

Application Note

Level Plus®

Magnetostrictive Liquid Level Transmitters with Temposonics Technology

Refined Products Terminal

INDUSTRY: Oil & gas
PRODUCT: Gasoline, Ethanol, Diesel



APPLICATION OVERVIEW

Automatic tank gauging for inventory monitoring of aboveground bulk storage tanks at refined products terminal on pipeline.

KEY REQUIREMENTS

- Accurate level measurement of product
- No loss of accuracy with thick vapors or mist
- Operate with vapor recovery units
- Reliable
- Longevity

TEMPOSONICS SOLUTION RefineME® Transmitter

- Accurate level measurement of the product level to ± 1 mm (0.039 in.)
- Float based technology is not affected by vapor, mist, spray, dust or dielectric constant
- Not affected by vapor recovery system. Operate full vacuum to 69 bar (1000 psi)
- MTBF of 123 years. Field repairable if damaged
- Designed with a life span of 10 years. Temposonics has units in the field that are 30 years old



RefineME®

LPR1D1B11A0XFFAU18800S

Document Part Number: 551151 Revision A 11/2022

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