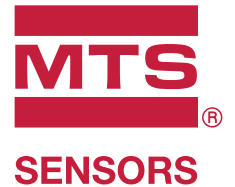


Level Plus®

Magnetostrictive Liquid Level Transmitters
with Temposonics® Technology



Tank SLAYER® Product Brief

- ▶ No scheduled maintenance or recalibration
- ▶ Resolution ± 1 mm (± 0.039 in.)
- ▶ Hazardous area certified

The Level Plus® Tank SLAYER® liquid level transmitter satisfies the demand for an accurate and robust liquid level sensor with unsurpassed flexibility to meet many process application conditions.

The Tank SLAYER® transmitter provides 3-in-1 measurement using one process opening for product level, interface level, and temperature measurements. Once the transmitter is installed and calibrated there is no requirement for scheduled maintenance or recalibration.

Set it and forget it!

MORE FEATURES

- Integral display
- Intrinsically Safe (Ex ia)
- API temperature corrected volumes

TYPICAL APPLICATIONS

- Inventory control
- Bulk storage
- Custody transfer

MARKETS

- Petroleum and Petrochemical
- LPG terminals
- Food and Beverage



TECHNICAL DATA

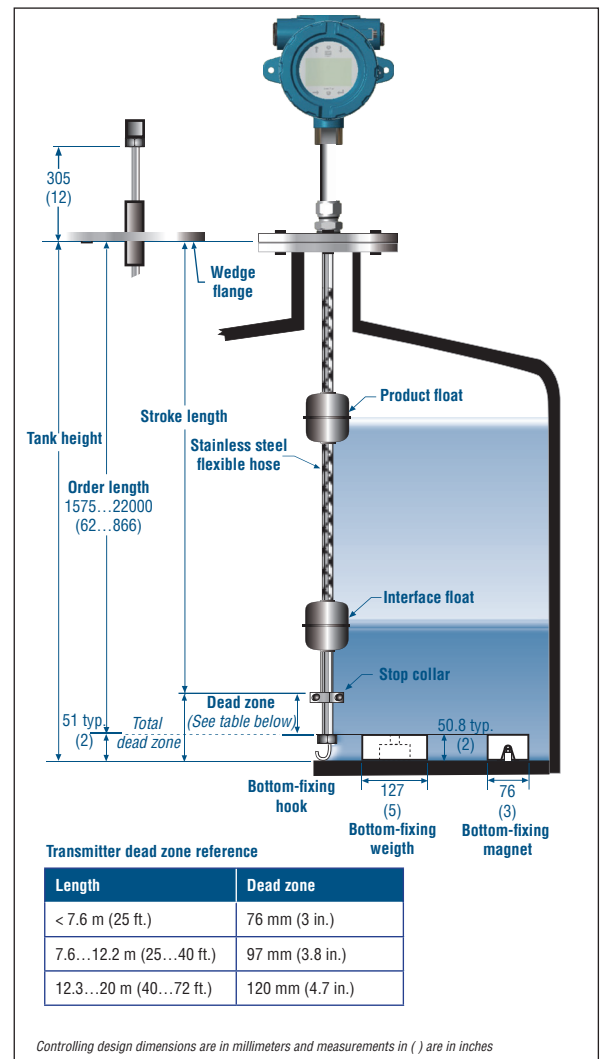
Output	
Output signal / Protocol	Analog (4...20mA), HART®, Modbus RTU, DDA
Measured value	Product level, interface level and temperature
Measurement parameters	
Resolution	±1 mm (±0.039 in.)
Repeatability	0.001 % F.S. or 0.381 mm (0.015 in.) ¹ (any direction)
Operating conditions	
Operating temperature	Electronics: -40 ...71 °C (-40...160 °F) Sensing element: -40...125 °C (-40...257 °F) ² Temperature element: -40...105 °C (-40...221 °F)
Design / Material	
Wetted parts	Stainless steel (AISI 316L) ³
Non-wetted parts	Stainless steel (AISI 316L), epoxy coated aluminum
Order length	Flexible hose: 1575...22000 mm (62...866 in.) ^{4,5}
Vessel pressure	Flexible hose: 8 bar (260 psi)
Electrical connection	
Operating voltage	10.5...28 VDC

- 1 Whichever is greater
 2 Contact factory for specific temperature ranges
 3 Contact factory for alternative materials
 4 Contact factory for longer lengths
 5 Order length equals the measurement range plus the inactive zone

Document Part Number:
 551864 Revision A (EN) 10/2016

Image reference:
 Front page: © Alex Staroseltsev - Fotolia.com

TECHNICAL DRAWING



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