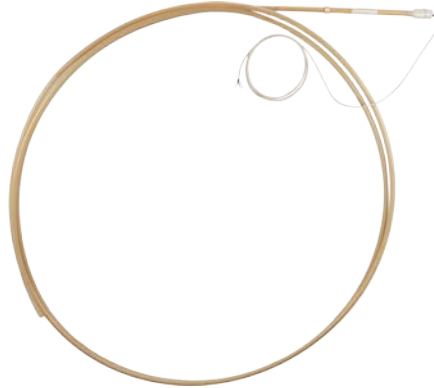


## Flexible Magnetostrictive Probe



### Product Description

The MP56xS Series Level Gauging Probe utilizes proven Magnetostrictive technology for accuracy and reliability. Its flexible shaft construction permits easy shipping, handling, and installation of probes up to seventy feet in length. The MP56xS Series Level Gauging Probe is ideally suited for large bulk storage tanks to seventy feet in height.

### Applications

- Above and Below Ground Storage Tanks
- Bulk Storage Tanks
- Low ceiling clearance: (Minimum 14" (356 mm))
- All Petroleum Products
- Most Solvents, Acids, and Bases

### Specifications

- Technology: Magnetostrictive, Dual Float
- Accuracy (Minimum):
  - Product Level: 0.01" (0.25 mm)
  - Water Level: 0.01" (0.25 mm)
  - Temperature: 0.1 °F (0.06 °C)
- Materials:
  - Shaft: PVDF
  - Floats: 316 SS, Buna-N, Urethane, or PVDF
- Mounting: Minimum 2" (51 mm) opening with bushing or flange mount
- Probe Lengths: 2' – 70' (0.6 m – 21.3 m)
- Temperature Sensing: Available with 1 or 5 Thermistors
- Location Approval: UL Class I, Div 1, Groups C and D; cUL Class I, Zone 0, Group IIB
- Operating Temperature: -40 °F to 175 °F (-40 °C to 80 °C)
- Operating Pressure: 50 PSIG (345 kPa)
- Field Wiring: 22AWG, 3-Conductor w/ shield  
Belden 6501FE or equiv., maximum length 50' (15.2 m)
- Compatible With: TMS1000, TMS2000W/WiDAM, TMS4000W/WiDAM

### Installation

Probe is direct-mounted at the tank top via a 3/4" NPT compression fitting kit.

### Certifications/Approvals

- UL/cUL Approved\*, File #E139464
- Model Numbers:
 

MP561S	24"-216"
MP562S	217"-288"
MP563S	289"-600"
MP564S	601"-840"

\* When used in conjunction with the TMS2000W/TMS4000W series WiDAM Wireless Data Acquisition Module

Note: Specifications subject to change without notice. 10-07-2022



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