

MULTIVIEW[™] magnetic liquid level gage with guided radar transmitter.

The MULTIVIEW[™] magnetic liquid level gage with guided radar transmitter combines the rugged versatility of the Penberthy MULTIVIEW[™] with the flexibility, accuracy and reliability of a guided radar transmitter. The two independent level measurement technologies provide true redundancy.

Guided radar level measurement technology is independent of specific gravity, conductivity and dielectric constant and typically will cover the compete range of the MULTIVIEW[™] magnetic liquid level gages.

The guided wave transmitter is provided in a dual chamber. A single chamber design is also available and is typically used where space is very limited.

Features

- True redundancy in a single package
- Independent radar level transmitting
- Custom weighted magnetic float
- Chamber designed in accordance with ASME B31.3 and B31.1
- Easy installation
- Virtually maintenance-free
- Optional magnetically coupled clamp on transmitters and switches available for the magnetic liquid level gage



Typical Applications

The combination of the MULTIVIEW[™] magnetic level gage and guided wave radar transmitter can be used in a wide variety of process applications:

- Petrochemical Processing
- Refining
- Compressors
- Boiler Feed Water
- Water Treatment
- Storage Tanks
- Oil Water Separators





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Parts for Model MGGR



Technical Data

- Constructed of standard 2¹/₂ NPS pipe with 1¹/₂ NPS secondary chamber pipe for the dual chamber version and 4 NPS pipe for the single chamber design
- Size range: Vessel Centers: 41/4 to to 236" [108 mm to 5994 mm]
- Minimum specific gravity of 0.47 (based upon Titanium float)
- Up to ANSI pressure class 900
- Temperature range: -325°F to 750°F [-198°C to 400°C]
- FM, CSA, and ATEX hazardous area approvals available for the transmitter
- Dielectric constants down to 1.4
- Optional LCD display with envelope curve
- Transmitter Output: 4 - 20 mA/HART[®] PROFIBUS-PA[®] FOUNDATION[™] Fieldbus
- Refer to PENMC-0669 for other features shared with the standard MULTIVIEW™

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