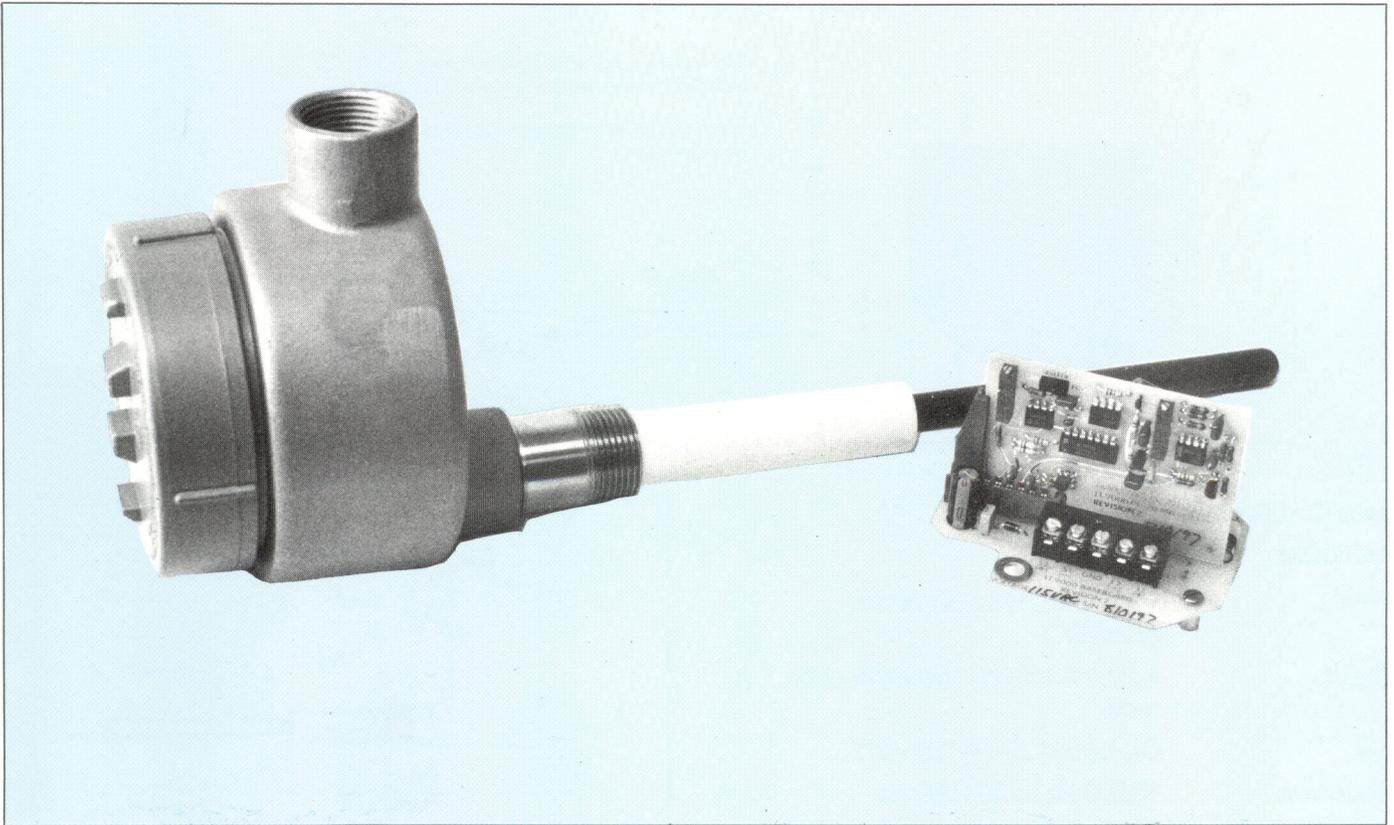


# LT 9000 Level Transmitter **BABBITT INTERNATIONAL, INC.**



The LT 9000 measures the level of non-coating, conductive liquids.

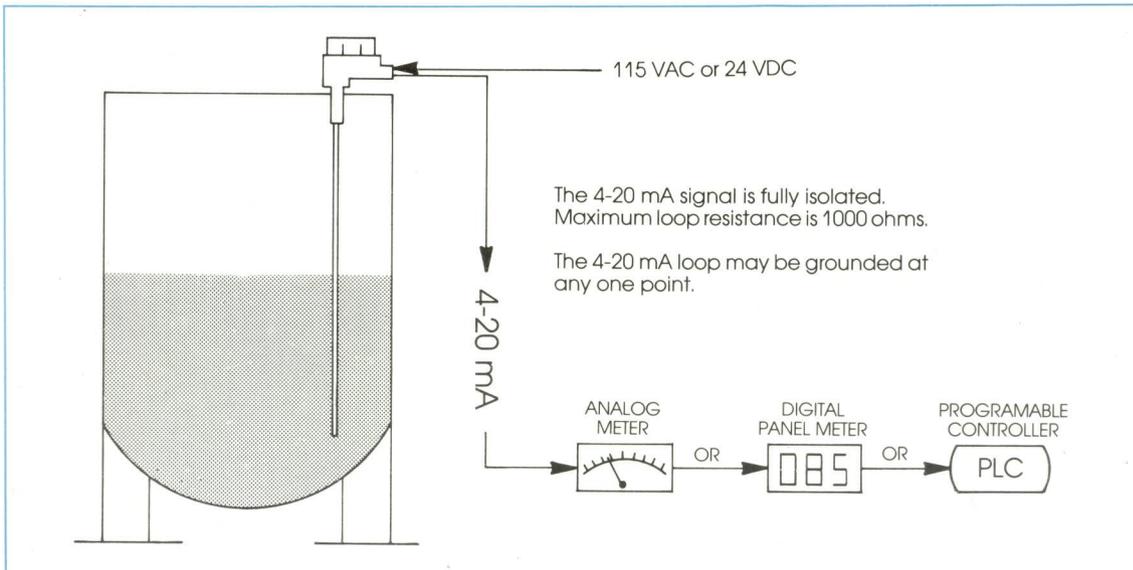
## FEATURES

- 4-20 mA output
- Totally self contained
- Temperature stable electronics
- On board fuse protection
- Fully isolated output
- Simple installation and calibration
- Modular electronics easily replaced
- Explosion proof housing standard
- Two year warranty

**GENERAL OPERATIONS** The LT 9000 is a continuous level transmitter that detects the level of an electrically conductive liquid in a tank or other vessel. The LT 9000 can also sense the level of an interface such as oil/water.

The basic unit is made of a solid stainless steel probe, attached to an explosion proof housing. The probe is coated with a non-conductive material such as Ryton, Halar or Teflon. Inside the explosion proof housing are all calibration adjustments and sensing electronics.

The isolated 4-20 mA output signal can drive a load of up to 1000 ohms. The zero and span can be set over the entire length of the probe or any portion of the probe.



## SPECIFICATIONS

### ELECTRICAL

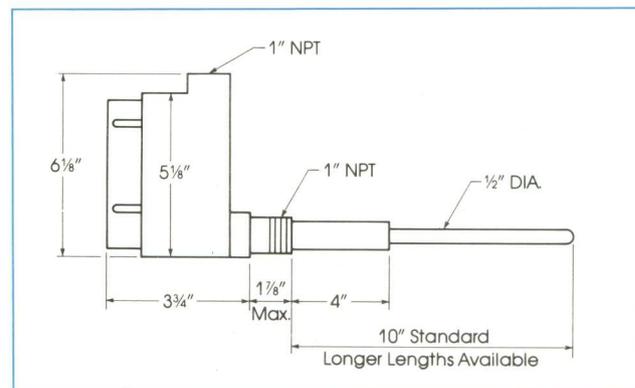
- Power: 115 VAC (+/-15%) 50/60 Hz, or 24VDC
- Output: 4-20 mA into a load of 1K ohm max.
- Fuse: On-board .5A @ 125 volts
- Frequency: 10,000 Hz to 300,000 Hz

### ENVIRONMENTAL

- Hazardous Area: Class I, Group D, Class II, E, F, G
- Temperature: Probe -30°F to 340°F - Halar  
-30°F to 450°F - Ryton  
Electronics: -40°F to 185°F
- Pressure: Probe 1500 psi @ 75°F
- Construction: Probe: All wetted parts 316 SS, Viton, Teflon and Coating material  
Electronics: Housed in cast aluminum explosion proof enclosure

Specifications subject to change without notice.

**APPLICATION PERFORMANCE GUARANTEE** If within 60 days of purchase, the LT 9000 does not perform according to our claims and was properly installed in an approved application that does not exceed the stated performance specifications, the LT 9000 may be returned for full credit.



## ORDERING INFORMATION

### LT 9000-115 VAC-H-10

- Supply Voltage \_\_\_\_\_
- "H" — Halar coated probe \_\_\_\_\_
- "R" — Ryton coated probe \_\_\_\_\_
- "T" — Teflon covered \_\_\_\_\_
- Probe length in inches \_\_\_\_\_

**WARRANTY** The entire unit is warranted for two years against defects in material or workmanship. See owners manual for complete details.

**Distributed By:**

**BABBITT  
INTERNATIONAL, INC.**

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