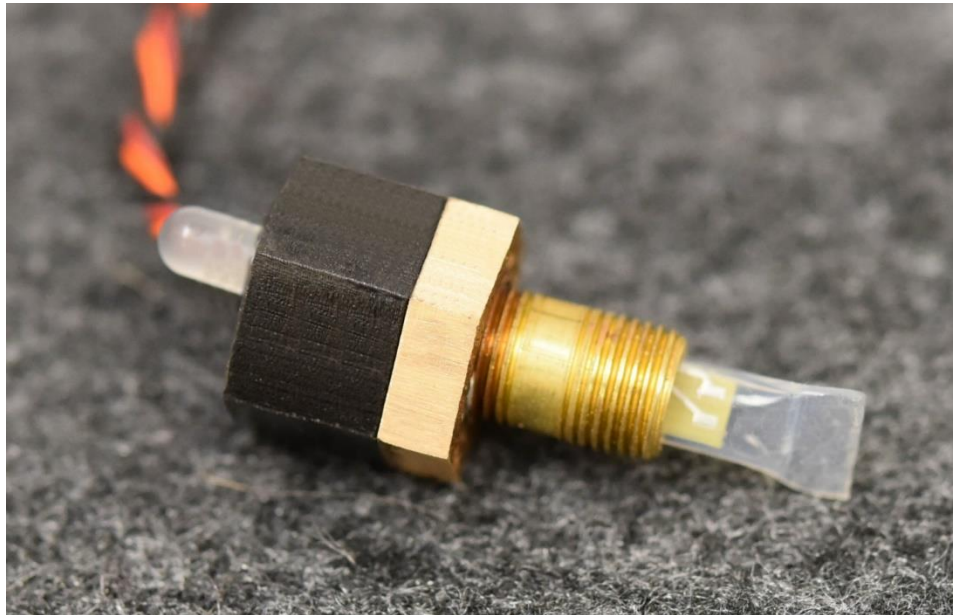


Bingo Liquid Detector

Last revised December 17, 2017

The Bingo Liquid Detector provides immediate feedback as to the presence or absence of liquid. When liquid is present, a green LED is illuminated. In the absence of liquid, a red LED flashes for 10 seconds and then turns solid red. A harness is included (80" length) for mounting of a remote LED, in addition to the embedded LED.



1: Bingo Liquid Detector

FEATURES & SPECIFICATIONS

- ✓ Presence of liquid: green LED is illuminated.
- ✓ Absence of liquid: red LED blinks for 10 seconds, then is illuminated.
- ✓ Specifically compatible with any fluid which is not destructive to brass, stainless steel, and FEP plastic.
- ✓ Screws into any 1/8" NPT fitting.
- ✓ 9 to 32V input voltage.
- ✓ Includes 80" wiring harness for remote LED (included).
- ✓ Power consumption: 10ma (with two LEDs – standard configuration).
- ✓ Power consumption: 1ma (without LEDs – available option, contact factory)

RADIANT TECHNOLOGY

- ✓ Principle of operation: total diffraction of infrared light.
- ✓ May also be used as logic driver to other systems. Output interface is: Ground, Power, Green LED, current limit return (do not attach), Red LED.
- ✓ Serial data broadcast output is also a factory option. This provides the user with a raw broadcast of the diffraction value measured by the device.
- ✓ Green and Red output may be used as logic driver inputs to other devices. Active is = 3.3V; Inactive is = Ground.
- ✓ For usage with color blind operator, we suggest disabling the unaffirmative (green LED) and using the red LED for all indications. Under this circumstance, no display output == liquid present. Flashing red == liquid not present; after ten seconds the red LED turns solid.

INSTALLATION

- Install unit into an 1/8" NPT fitting at point where liquid level detection is desired.
- Use ONLY brass nut to tighten; do not use potted enclosure.
- Use a thread sealer on the NPT fitting which is compatible with your liquid. If you are using this product with gasoline, ensure you use a gasoline compatible sealer.
- Install remote LED into panel; drill #10 (0.193") (4.90mm)
- Attach to power source and ground using switched, fused source. A 1 amp fuse or breaker is recommended for one to three liquid detectors. You may clip off the 9V battery clip.

TESTING

- When power is applied, the unit will immediately indicate the presence or absence of liquid. If no indication is received, check your wiring.

NORMAL OPERATION

- The unit will indicate the presence or absence of liquid.



DISCLAIMER

Products from RADIANT Technology are not designed to be used in applications where their failure would endanger safe flight or human life in any way. They are intended solely for use in VFR conditions. They are not certified to meet any Technical Standard Order, and are not produced under a Parts Manufacturing Authority (TSO / PMA). As a result, they are suitable only for use in experimental and ultralight aircraft, and in Light Sport Aircraft, if meeting the requirements of the respective manufacture.

WARRANTY

Your new RADIANT Technology instrument carries a one year warranty. Please contact us at info@beliteaircraft.com should your product need warranty service. International warranty service will be charged US\$50.00 for repairs, which includes return shipping after repair. Payment must be received before service begins.

RETURN/REFUND INFORMATION

Must be returned in new, resalable condition within 14 days.

CONTACT

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