

*Instrumentation designed
with the user in mind.*



The only

**10 Year
Warranty**

The longest in the industry!

Low-cost NULL-KOTE™ Point Level Controller

**Economical, electronic, RF impedance sensing
with innovative NULL-KOTE™ circuitry which
ignores product build-up on the probe**

Features

Economical – Low in cost, yet packed with all the features needed for accurate, dependable service.

NULL-KOTE™ Circuitry – Makes the sensor immune to adverse effects from conductive coating build-up.

Ten-Year Warranty – The only level instruments available with this unique assurance of quality.

Easy-On Probe Connection – Automatically provides simple, fast installation and reliable operation without wires, connectors, or terminal strips. Simply screw probe into the housing.

Time-Delay Included – 0-30 second delay - no extra cost

Unique Status Indicator – (two color) Shows presence or absence of material and also indicates power “on”.

Heavy Duty Relay – 10A 115 Vac resistive contacts

High or Low Fail-Safe – Field selectable.

Explosion-Proof Housing –

Class I Groups C & D,
Class II Groups E, F, & G
NEMA 4

Wide Temperature Range – Standard process temperature: -300 to 500°F (-184 to 260°C).

ROLLOCK™ PROBES –

No part of probe can fall into the process or be blown from mounting. No re-tightening of seals required.

Description

PRINCO's model L2000 radio frequency (RF) point level controller is truly an outstanding value. It combines rugged construction, quick, easy installation and all the features you need for years of effective, accurate performance.

Operating on the RF impedance sensing principle, the L2000 will detect the presence (high level) or absence (low level) of a wide variety of materials. It may be made fail-safe in either high or low mode. It will operate inconjunction with process materials which range from low dielectric (insulating) products such as refined oils, to conductive slurries.

The L2000 incorporates PRINCO's user-oriented features ... reliability, true coating cancellation capability, explosion-proof/weatherproof enclosures, RFI immunity, heavy duty relays, Easy-On Teflon/316SS probes and our unique 10-Year Warranty.

The L2000 has everything you need at a price no higher than the “also rans.”

In tens of thousands of installations, spanning more than 90 years of experience, PRINCO process instruments have provided have provided accurate, dependable, long lived service .

L2000 Specifications

Type

Point (on/off) level control, radio frequency (RF), impedance sensing, NULL-KOTE™ circuitry

Sensitivity

Senses process capacitance changes as low as 0.5 pF.

Operating Temperature

-40 to 150°F (-40 to 66°C).

Relay Contacts

DPDT contacts rated at 10 amperes, 115 VAC or 26 VDC, resistive load.

Delay Time/Mode

0 to 30 second/delay on and off.

Fail-Safe Mode

Fail-Safe low level or high level. Field changeable.

Power Requirements

Standard Models:

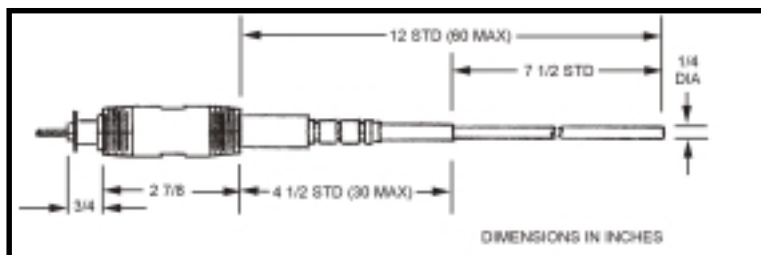
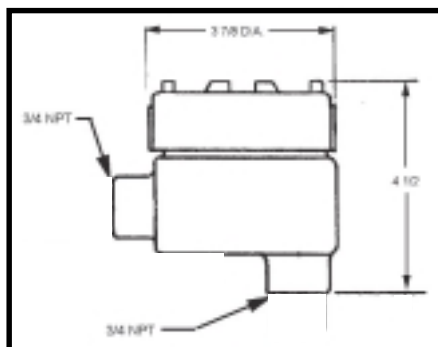
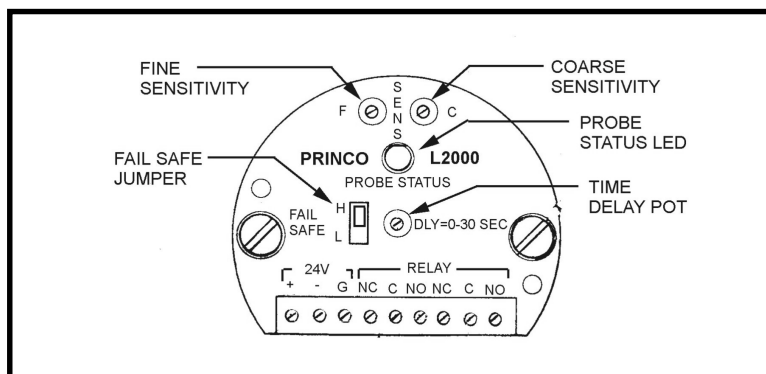
95/135 VAC, 50-60 Hz, 1.3 watts

17/34 VDV, <1 watt

Optional Model: 230 Vac

Electronics Housing

Heavy duty cast aluminum housing
Explosion-proof Class I, II, III, Div. 1,
Groups C, D, E, F, & G / NEMA 4



NULL-KOTE™ L840 Series Probes

These NULL-KOTE point level probes are three element devices, which employ a bare sensor rod, guard section, and NPT mounting hub. All wetted parts are type 316 stainless steel. The elements are insulated from one another by Teflon®.

The guard section in conjunction with the NULL-KOTE circuitry, provides immunity to coating build-up and assures accurate, repeatable operation.

These probes use PRINCO's pioneering ROLLOCK™ construction, featuring rolled seals and welded assembly, the ingenious ROLLOCK™ design locks all elements of the probe in position and insures that no part of the probe can fall into the process or be blown from the mounting.

Operating Temperature
-300 to 500°F (-184 to 260°C).

10-YEAR WARRANTY

All PRINCO level control instruments are backed by a 10-year warranty. PRINCO will repair or replace, at our option, any instrument that fails under normal use for up to 10 years after purchase.

PRINCO

1020 Industrial Highway
Southampton, PA 18966-4095, U.S.A.
(800) 221-9237 ~ (215) 355-1500
FAX (215) 355-7766
www.PrincoLevelControls.com

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