

Innovative Guarded RF Technology

Model **GP-2000**

ECONOMICAL Level Switch

Operates even with GOOPY Materials

IDEAL FOR:

Slurries
Liquids
Powders
Granulars

ADVANTAGES

Economical - Low Cost

GOOP-PROOF Technology

Reliable and Easy to Use

Self-Connecting Probe

Adjustable Time Delay (stand)

Two-Color Status Indicator

Wide Temperature Range
- 300° to + 500° F



HiTECH's **GOOP-PROOF™** RF point level switch is very low in cost, yet includes many features required for accurate, dependable level control.

The RF impedance guard circuitry of the **GOOP-PROOF™** level switch enables the unit to control the level of process materials independent of goopy coatings that may build-up on the probe.

With its self-connecting probe the switch is simple and quick to install, without terminal strips, connectors, or wires. Other features built-in are; two-color status indicator, field selectable high or low fail-safe, heavy duty 10 amp. relay as well as a 0 to 30 second adjustable time delay.

HiTECH's **GOOP-PROOF™** model GP-2000 is the ideal choice as your "plant standard" level switch.

SPECIFICATIONS

Model GP-2000

Type

Point level control, RF impedance sensing, GOOP-PROOF™ circuitry.

Relay Contacts

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

Sensitivity

0.5 pF

Power Requirements

Adjustable Time Delay

0-30 second/delay on and off

Standard Models:

95/135 VAC, 50-60 Hz, 1.3 watts
17/34 VDC, < 1 watt

Fail-Safe Mode

Low or High level; field changeable.

Optional Model

230 VAC

Operating Temperature Range

Electronics - 40 to 150° F
Probes - 300 to 500° F

Enclosure

UL & CSA approved; Class I, Div. 1 & 2, Group C& D, Class II, Groups E, F, & G; Class III

Probes

GOOP-PROOF™ level probes are comprised of three conductive elements made of 316 stainless steel; a bare sensor rod, a guard element, and the grounded NPT mounting. Elements are insulated from each other by Teflon and are mechanically locked in position, to insure the integrity of the process.

Innovative GOOP-PROOF™ circuitry drives the guard element such that the GP-2000 RF point level switch monitors level and ignores goopy build-up on the sensor.

PERFORMANCE GUARANTEE

Since 1986, every instrument sold by HiTECH has been guaranteed to perform in the application it originally was engineered and recommended for. Our company policy remains the same, every product sold comes with a written performance guarantee.

Should the equipment be unable to perform satisfactorily in your application and we are not able to correct the problem, we will accept the instrument in return and issue full credit.

This performance guarantee is valid for 60 days. Thereafter, our standard limited two years factory warranty goes into effect.

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