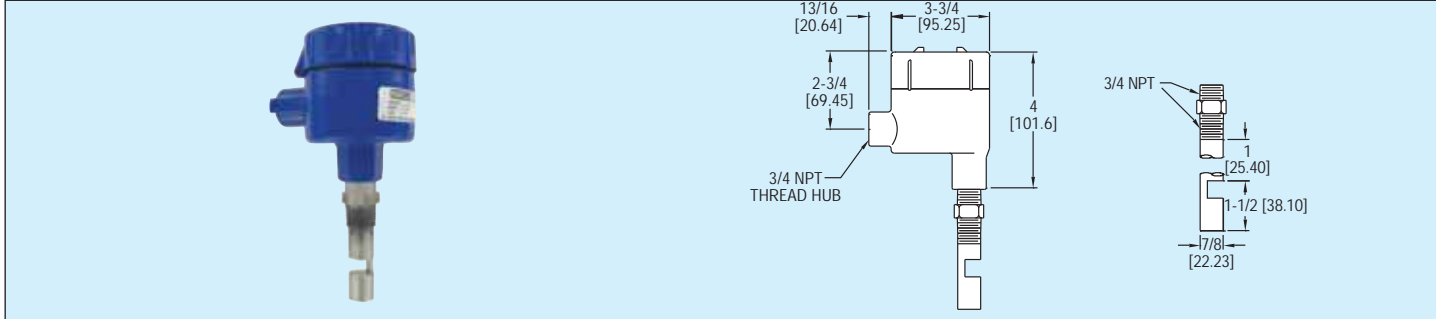




Series  
GS

# Gap Switch

## Liquid Level Measurement, 1000:1 Wet/Dry Ratio, 316 SS Wetted Parts



**Series GS Gap Switch** measures liquid levels at a single point and provides a 10A relay output for high or low level alarm, overflow prevention, and pump protection. The Series GS uses ultrasonic wave propagation between the transducer gap to sense the presence or absence of a liquid. Integral electronics make installation quick and easy. Units can be mounted in either a vertical or horizontal position with no additional calibration required. Gap switch includes a 0.5 second delay and high level failsafe.

### SPECIFICATIONS

**Service:** Compatible liquids (1000:1 wet/dry ratio).

**Wetted Material:** 316 SS.

**Temperature Limits:** Sensor:

-40 to 200°F (-40 to 93°C), Electronics:

-20 to 170°F (-4 to 77°C).

**Pressure Limits:** 1000 psig (68.9 bar).

**Enclosure Rating:** Epoxy-coated cast aluminum, NEMA 4.

**Repeatability:** 2 mm (0.078) typical.

**Switch Type:** DPDT.

**Electrical Rating:** 10A @ 120 VAC resistive.

**Power Requirements:** 115 VAC, 50/60 Hz (230 VAC optional).

**Conduit Connection:** 3/4" female NPT.

**Process Connection:** 3/4" male NPT.

**Mounting Orientation:** Vertical or horizontal.

**Delay [On]:** 0.5 seconds.

**Immersion Depth:** 1" (25.4 mm).

**Weight:** 1 lb (453 g).

**Agency Approval:** CE.

Model Number	Immersion Depth	Supply Voltage
GS10001	1" (25.4 mm)	115 VAC
GS20001	1" (25.4 mm)	230 VAC

### APPLICATIONS

Monitor and control levels of water, chemicals, lubricants, acids, creams, lotions, beverages or paints in vessels, storage bins, tanks, sumps, etc.