

# Sigma Controls, Inc.

PROCESS CONTROLS AND INSTRUMENTATION

217 S. Fifth Street, Perkasie, PA 18944  
PH: 215-257-3412 FAX: 215-257-3416



## MODEL 200 SUBMERSIBLE POINT LEVEL CONDUCTANCE PROBE



### DESCRIPTION

The Sigma Controls Model 200 is a single point corrosion resistant level probe designed for applications whose distance would preclude using solid rod electrodes such as water wells, pits, and tanks.

When used with Sigma Controls Model 1000 solid state conductance level control relays, these probes form a complete integrated level control system for single point (alarm) or dual point (pump control) applications.

The conductor is manufactured from 316 stainless steel and is provided with a PVC

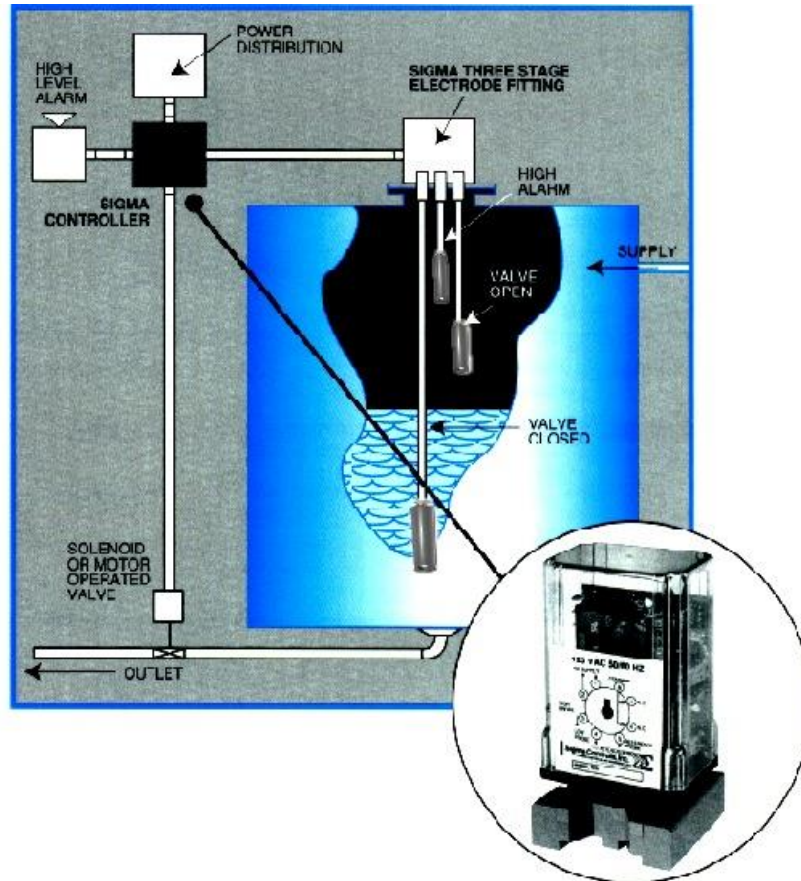
protective shield to prevent accidental operation when used in metallic tanks or wells with steel casings.

Overall dimensions are 3.75" long by .78" diameter. All wire mounting hardware is 316SS.

Sigma 200-SW single conductor suspension wire is specially designed for use with these probes to provide maximum insulation and strength.

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# MODEL 200 SUBMERSIBLE POINT LEVEL CONDUCTANCE PROBE



## ENGINEERING SPECIFICATIONS

The submersible level probe shall be of 316 stainless steel construction with a PVC protective shield.

The suspension cable shall be a custom 18 AWG single conductor with a heavy wall PVC sheath.

Cable integrity shall be assured by a compressive 'O' Ring sealed cable gland at the rear of the probe.

## ORDERING INFORMATION

MODEL #	WIRE LENGTH
200	100 FT

**Example: Complete Model #: 200-100**



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200CONDUCTANCE PROBE 040511