

# High Temperature Capacitance Probe



The high temperature PRO Remote capacitance probe features a heavy duty design for use in applications where the temperature exceeds 500°F (260°C). It is used to detect the level of material in a bin, tank or silo or the presence of material in a chute or spout. The probe and the electronics are separated by a cable to distance the electronics from the heat source.

To withstand high temperatures, the stainless steel probe has ceramic inserts that protects the probe from excessive heat. The remote electronics are installed up to 20 feet away from the probe and the heat source. This heavy duty capacitance probe is suited for environments up to 1000°F and can be used in applications such as coal-fired power plants or to measure clinker at cement plants.

## Pro Remote High Temp Probe



### SPECIFICATIONS

**Maximum Temperature:** 1000°F (538°C)

**Maximum Pressure:** 100 psi (3.5 kg/cm<sup>2</sup>)

**Probe Material:** 1-1/8" diameter 316 SS with ceramic inserts

**Lengths Available:** 9" (230 mm)

**Fitting Options:** 1-1/4" NPT

**Power Pac Options:** Remote electronics only

**Applications:** Point level detection and process control for solid, liquid and slurry materials. Used in bins, tanks, chutes, and spouts



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