



SALIENT FEATURES

◆ **High Durability and System Reliability**

No moving parts, no mechanical wear and tear, no electronic insert in probe head, RF signal transmission between probe and evaluation unit via co-axial cable with drain wire having driven shield arrangement to eliminate cable capacitance and drift due to change of cable capacitance with temperature. 1 High Durability and System Reliability

◆ **Calibration Possible from Remote Location**

Evaluation unit can be installed far away from the probe. Calibration controls available in the evaluation unit. A special 10 LED dot display/bar display simplifies calibration and indicates material trend in vicinity of the point level.

◆ **Fail-Safe High/Low Selection Feature Available as Standard**

Reduces inventory, since the same evaluation unit can be field configured either for High or Low level fail-safe detection.

◆ **Ignores Build-Up of Service Material between Probe and Vessel Walls and Coating**

Uses 3-Electrode technique with driven shield arrangement to achieve high degree of immunity.

APPLICATIONS

Level limit detection of fine, coarse, solids of low dielectric constant that have a tendency to stick, coat and develop static charge at high vessel temperatures. For switching conveyors off to avoid overflow. For indicating on empty tank well in time to avoid production stoppage. Special probe design for detecting level of fly ash in ESP hoppers.

SLA series of level switches are successfully used in process industries viz. Cement, Power, steel, Food, Chemicals, Fertilizer, Sugar, Detergents etc.



