

MODEL SL23-8 AC TILT SWITCH PROBE



Model SL23-8

The **Model SL23-8 AC Tilt Switch Probe** provide simple alarm output for both dry bulk materials or liquids when used with a float ball accessory. The rugged probe is suspended vertically over a material pile, bin or conveyor belt and as the material level rises to tilt the switch approximately 15° from vertical in any direction, it changes its state from normally closed to normally open.

This simple tilt switch is designed to wire directly to your PLC/DCS system. It eliminates the need for an additional control unit. A time delay should be programmed in the PLC to compensate for momentary movement of material or splashing.

Various attachment accessories are available for the probe, such as wear paddles and float balls.

FEATURES:

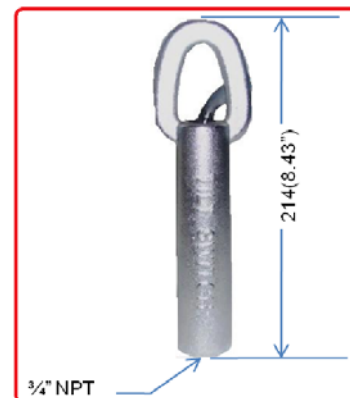
- Heavy Duty Industrial Tilt Switch
- Simple Installation and Operation
- Mounting Hardware Included
- Optional Accessories available

APPLICATIONS:

- High Level Control (Dry Bulk Materials or Liquids)
- Flow / No-Flow Detector
- Plugged Chute Detector



OUTLINE DIMENSIONS: Dimensions: mm (inches)



SPECIFICATIONS:

- TILT ANGLE: 10-15° from vertical
- OUTPUT: Normally Closed Mercury Contact. Rated 1.5 Amps @ 110 VAC non-inductive, 1 Amp @ 24 VDC
- TEMPERATURE RATING: -40°F ~ 200°F (-40°C ~ 93°C)
- HOUSING: Ductile Iron, Chrome Plated Nickel Finish
- CABLE: 25' Severe Operations Cable, 18 AWG

CE APPROVALS FOR SAFETY:

- Electrical Safety IEC 60204-1: 2005-10
IEC 60947-1: 2004-03
- Mechanical Safety IEC 60204-1: 2005-10
- Functional Safety IEC 60204-1: 2005-10
- Outdoor/Noise/Vibration IEC 60529: 2001-02