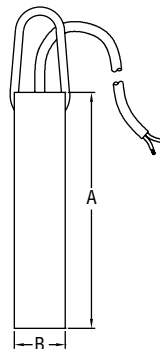




# TILT SWITCH PROBE

## Non-Mercury Probes



Probe Type	A in [cm]	B in [cm]
Standard	9 [22.86]	1-7/8 [47.63]
Compact	6 [15.24]	1-7/16 [36.51]

The **SERIES LTS** Tilt Switch Probes is able to sense either the presence or absence of material in applications where other sensors fail due to bin vibration, or absence of area to mount other measuring units. The probes are designed for use where the bulk material to be sensed is exposed or open. Use with Series LTC Tilt Switch Control Unit for complete control output solution.

### FEATURES/BENEFITS

- All probe models are airtight, dust tight, and waterproof
- Compact probe should be used for applications where space is limited and standard, heavy duty probe should be used for applications where an abrasion resistant probe is necessary

### APPLICATIONS

- Large hoppers
- Silos
- Crushers
- Trippers
- Stackers
- Conveyors

### SPECIFICATIONS

**Service:** Powder and bulk.

**Temperature Limit:** -4 to 104°F (-20 to 40°C).

**Switch Type:** SPST, normally closed.

**Electrical Rating:** < 50 mA @ 12 VDC as supplied by Series LTC controller.

**Electrical Connection:** 3-wire +12 VDC (supplied by controller).

**Cable Length:** 25' (7.6 m) unless otherwise specified.

**Probe Length:** Standard: 9" (23 cm); Compact: 6" (15 cm).

**Contact Rating:** When not used with LTC controller: 60 V max., 0.25 A max.

**Actuation Angle:** 25° from vertical.

**Material:** Steel or 302/304 SS.

**Switch Surrounding:** Epoxy encapsulated.

**Mounting Orientation:** Vertical.

**Weight:** Standard: 4.75 lb (2.15 kg); Compact: 2.5 lb (1.13 kg).

**Features:** Fittings for hangers.

**Agency Approvals:** Meets NEMA 4.

### MODEL CHART

Model	Size	Probe Material
LTS-N11G-025	Standard	Steel
LTS-N21G-025	Compact	Steel
LTS-N12G-025	Standard	SS
LTS-N22G-025	Compact	SS

Consult factory for custom cable lengths.