

# KBT



## Security Solutions in Conveyor Belt Systems

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### Tilt Switch



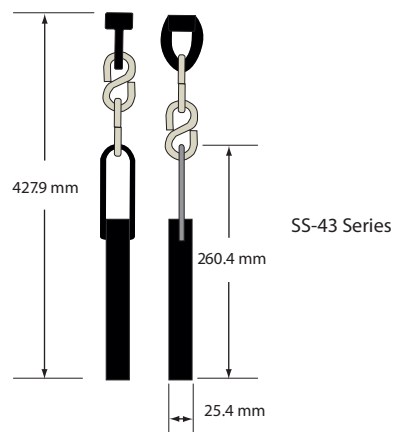
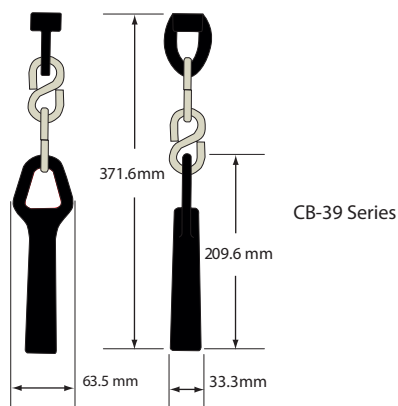
Tilt Switch Probes is an electro mechanical tilt switch used to detect spot loss and feed loss on conveyor belts to control the absence or density of the bulk material during flow of the primary purpose fluids. The probe option is made up of two different models and the other model with SS model stainless steel body is used in compliance with complex casting and heavy conditions. The control unit can be used with the help of a control unit or it can be directly integrated in to the system.

## Features

- All probe models are air tight, dust proof and waterproof
- Compact probess should be used for applications where the area is limited and standard,
- Heavy probess should be used for a brasion resistant applications.
- Simple Installation and setup
- Lower costs

## Usage are as

- High level signal for silos and feeding funnels.
- High level signal for stacking.
- Anti-blocking in loading / unload in areas of conveyor belts
- Check for missing material on tape



## Probe Information

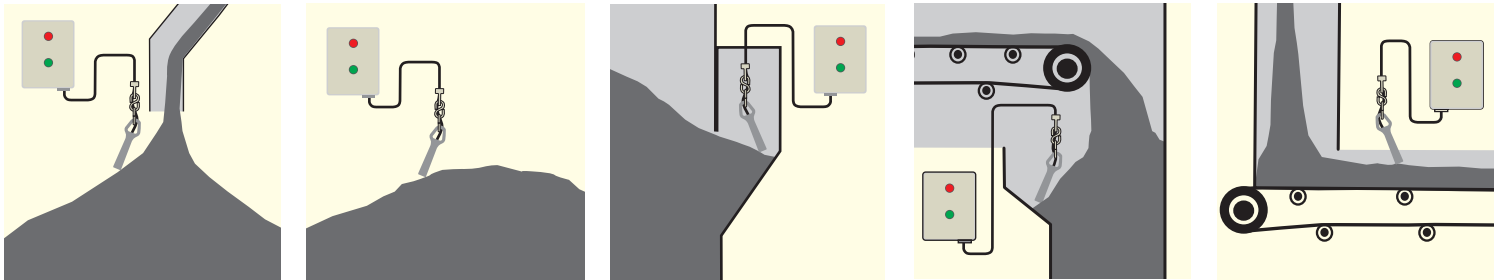
Model No.	Description	Slope Angle	Length (mm)	Probe Diameter (mm)	Weight (Kg)
SS-43	Stainless Steel Body	20°at 360°	255	25,4	0,45
SS-43HT	Stainless Steel Body High Temperature	20°at 360°	255	25,4	0,45
CB-39	Body Casting	20°at 360°	209	33,3	0,65
CB-39HT	Body Complex Casting Body High Temperature	20°at 360°	209	33,3	0,65

## Technical Specifications

Model	Contact Ratings	Protection	Connection device	Certificate	Ex
SS-43	12,5A - 120VAC / 5 ohm	IP68	S Hook	CE	On Approval
SS-43HT	12,5A - 120VAC / 5 ohm	IP68	S Hook	CE	On Approval
CB-39	12,5A - 120VAC / 5 ohm	IP68	S Hook / Chain	CE	On Approval
CB-39HT	12,5A - 120VAC / 5 ohm	IP68	S Hook / Chain	CE	On Approval

\* Standard cable length is 3 meters.

## Application Types



High level

Bulk Material

Low level

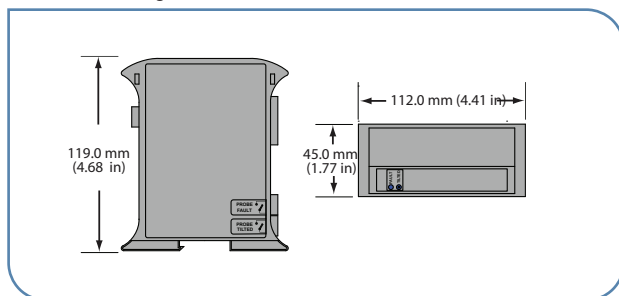
Tilt Swith

Flowing Material

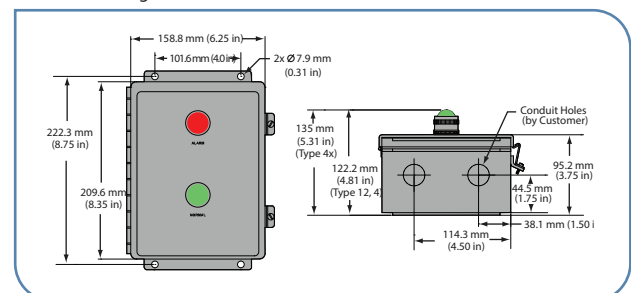
## Control Panels Technical Specifications

Input	All models	115/230 VAC, 50/60 HZ
Alarm Contact	KT20-P KT25-DIN	(2) SPDT—10 Amp@115/230 VAC, 7 Amp@30 VDC non-inductive (1) NO—2 Amp@115/230 VAC, 3 Amp@24VDC
Fault Contact	All models	(1) NO—rated for 2 Amp@115/230 VAC@24VDC
Delay Time	All models	1, 2, 4, or 6 seconds selectable by jumpers
Temperature	All models	-40°C (-40°F) to +50°C (+122°F)
Protection	20-35-NM-F 20-35-NM-DIN	IP65 (NEMA 4) IP20 (NEMA 1)
Certificate	All models	CE
Hazar dous Are a Use	Awaiting Approval	

KT 25-DIN Mounting Dimensions



KT20-P Mounting Dimensions



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**KBT is a brand of "Imaj Teknik".**

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