

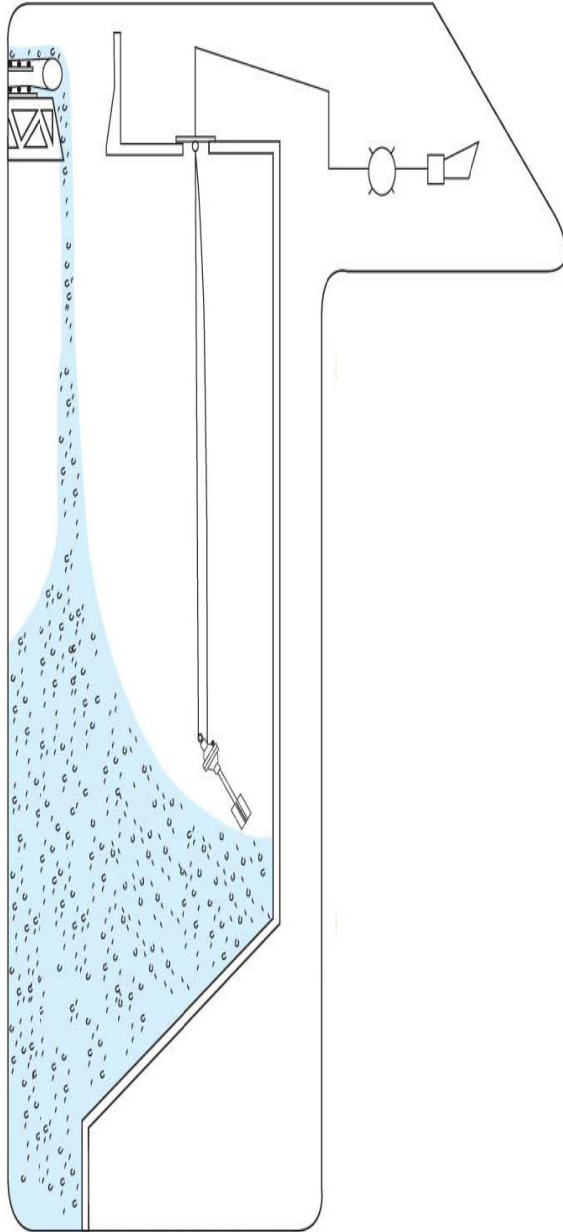
TILT TYPE SOLID LEVEL SWITCH

KEM-100 SERIES



LEADER OF CONTROL

Tilt Type Level Switch KEM – 100 Series



General

KOSMO E&T KEM-100 Series Level Switch is top-mounting type and used for the sand and gravel(분체입는물?).

Installation is very simple. And as the method of installation is various, it is used without regard to the place of installation and use position. Also, the case is designed very solidly to sustain the shocks of sand and gravel.

Feature

- Top-mounting type
- Installation is very simple and the method of installation is various. So, place of installation is not restricted.
- The case is made very solidly.
- Dust proof type.

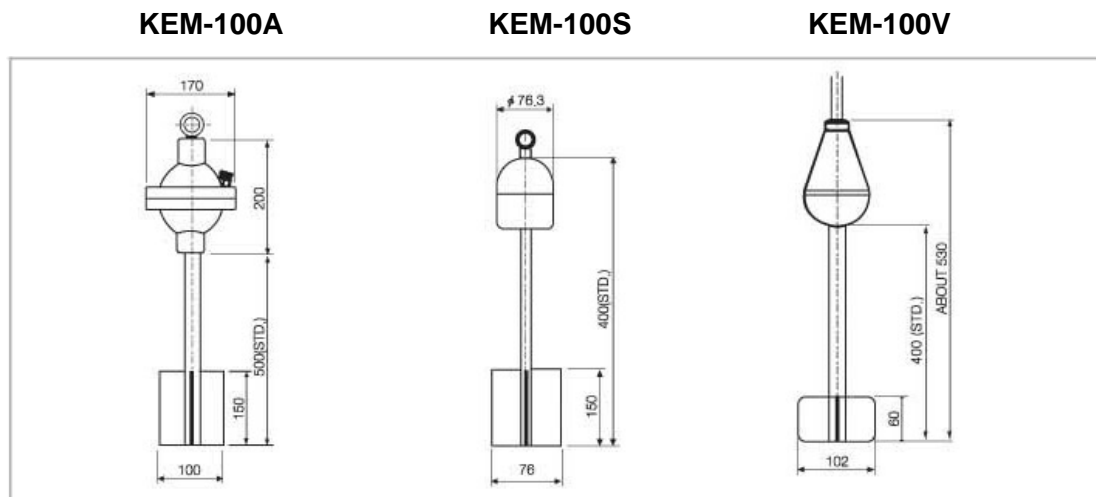
Basic & Order Specification

	Temperature	Pressure	Body Material	Mounting Method	Measurement Length	Case Type
Basic spec	MAX 60°C	ATM	AL CASTING	TOP	2m	Dust Proof TYPE
Order Spec			OPTION		MAX 10m	

Electrical Specification

	Switch	Connect Type	Connect Output
Basic Spec	Mercury Switch	SPST	AC 110V, 1A

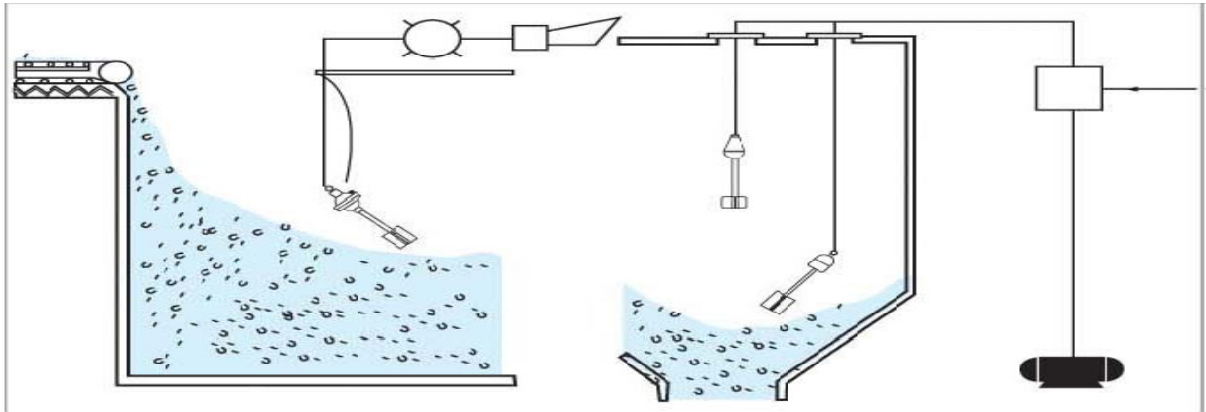
Dimensions



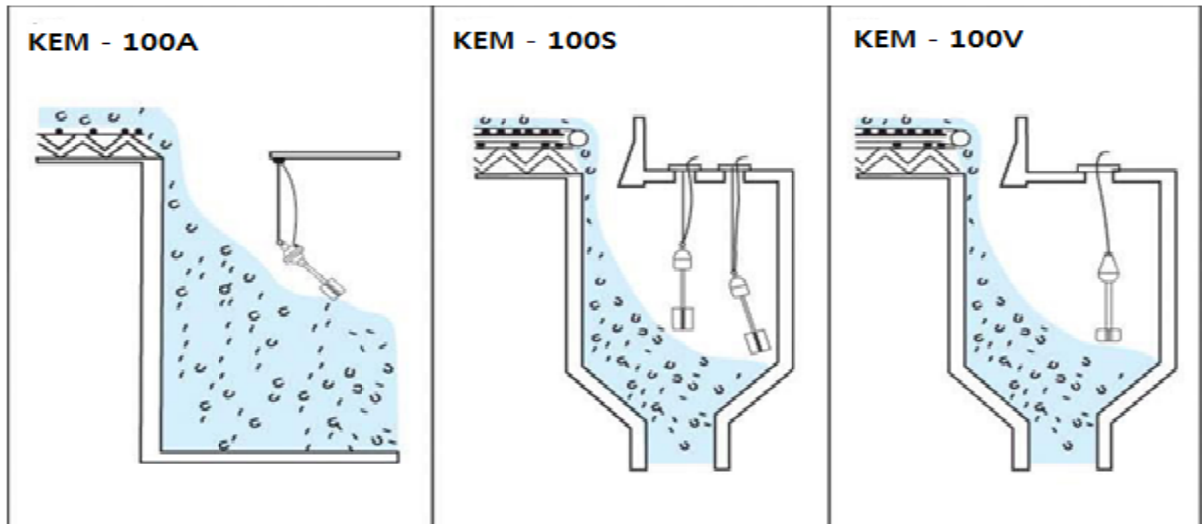
Operation Principle

Four mercury switches are connected as the following picture. Mercury has liquidity in room temperature. Also, it has conductivity. Conductivity is used in this system. If Level switch inclines at over 17 degree after accumulating the materials, mercury flows down and turns the contact "ON". Also, if material doesn't exist, the level switch is hung down by the mercury. So, it maintains the level automatically and mercury position returns to "OFF"

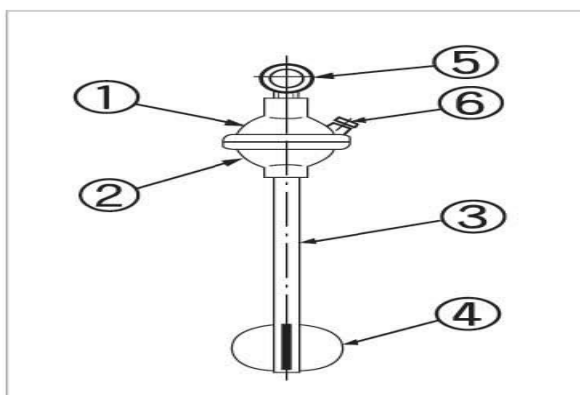
Connection



Installation Sample



Particular Sheet



No	Name	Material	Note
1	COVER	AC 2B	
2	BODY	AC 2B	
3	ROD	SS 41	
4	VANE	SS 41	
5	EYE BOLT	SS 41	
6	CABLE GLADE	BS	