

Model **SC5/SB3**

Piston Type Level Switch



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**Model SC5
SB3**

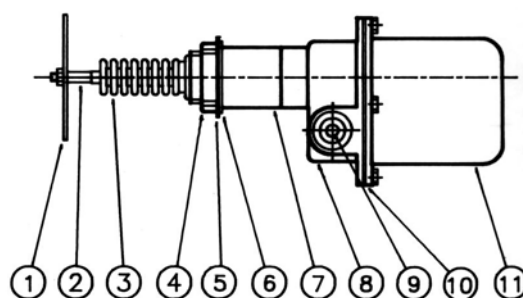
Simple structure and superior endurance.
Can select the right model among the various type.

Structure

Features

1. Almost no trouble because of simple structure.
2. It's suitable to use to detect low level of silo or tank as it's almost not effected by live load of material.
3. Can select the proper model among the various model.
4. No calibration is needed.

■ SC5-X Type

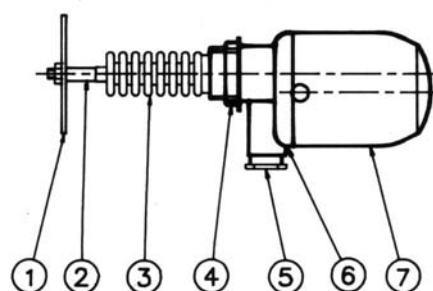


No.	Part	Material	No.	Part	Material
1	Paddle	304SS	7	Cap	304SS
2	Shaft	304SS	8	Housing	ADC
3	Shaft Seal	Neoprene Rubber	9	Cable Gland	Brass
4	Fitting Nut	304SS	10	Packing	NBR
5	Fitting Washer	304SS	11	Cover	P.C
6	Packing	NBR			

Applications

- Chemical Industry :
Plastic, Medicines, Chemicals, Fertilizer.
- Food Industry :
Milling, Grain food oil, Confection, Sugar, Coffee, Seasoning ,etc.
- Ceramic mining Industry:
Cement glass, Coal, Stone, Sand, Iron powder etc.
- Machine Industry :
Meter Assembler conveyor,
Farming machine (Rice milling machine)
Constructing machine (Asphalt plant, Venture plant, Crasher)
Casting machine (Sand treating)

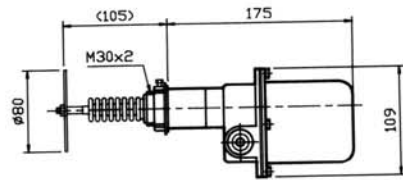
■ SB3-X Type



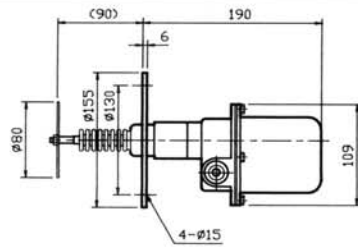
No.	Part	Material	No.	Part	Material
1	Paddle	304SS	5	Cable gland	ABS
2	Shaft	304SS	6	Housing	Poly Phenol
3	Shaft Seal	NBR	7	Cover	P.C
4	Nut	Poly Phenol			

Overall Dimensions

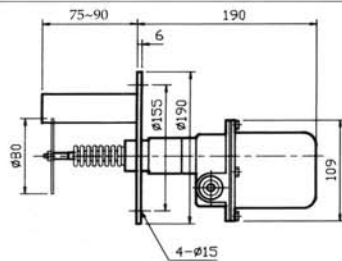
1. SC5-X



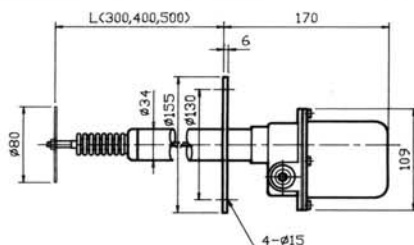
2. SC5-F



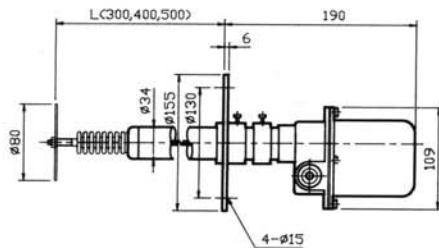
3. SC5-G



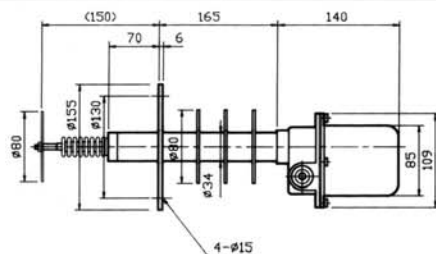
4. SC5-L



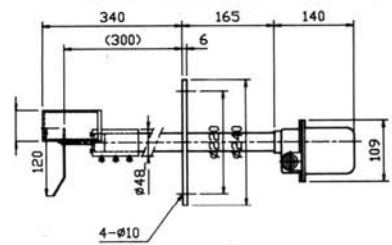
5. SC5-S



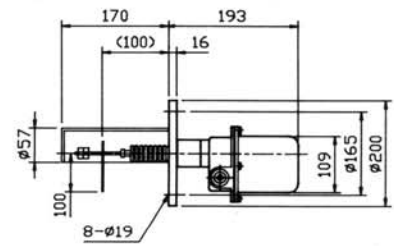
6. SC5-T



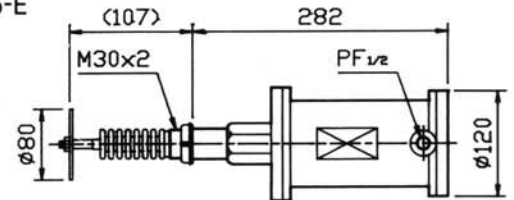
7. SC5-TA



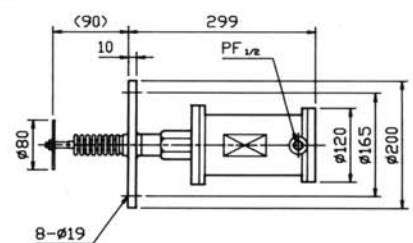
8. SC5-D



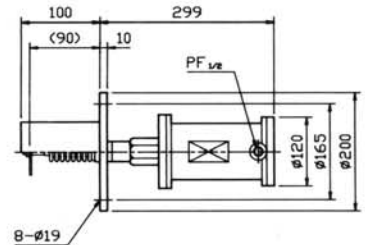
9. SC5-E



10. SC5-EF

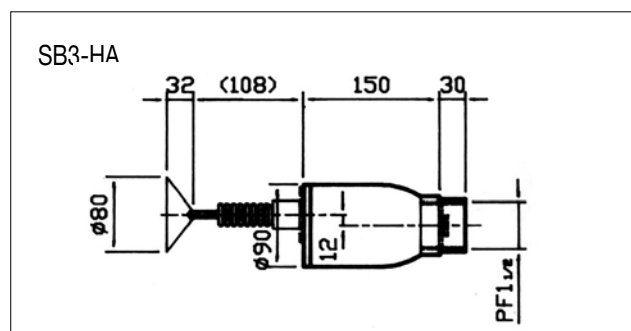
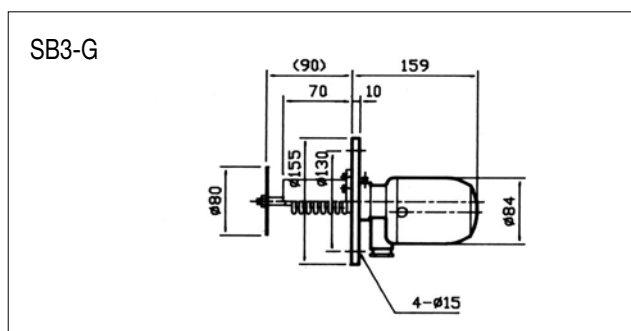
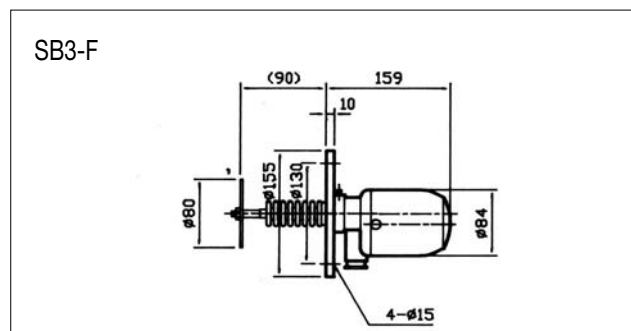
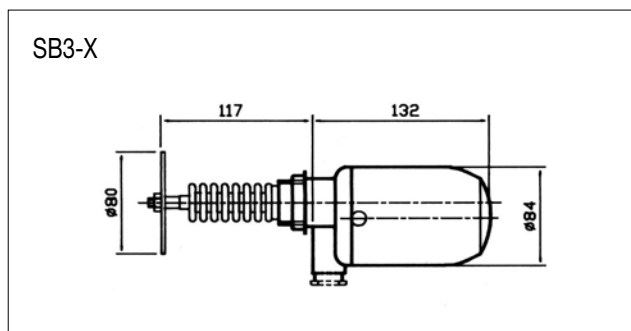


11. SC5-EG



Piston Type Level Switch

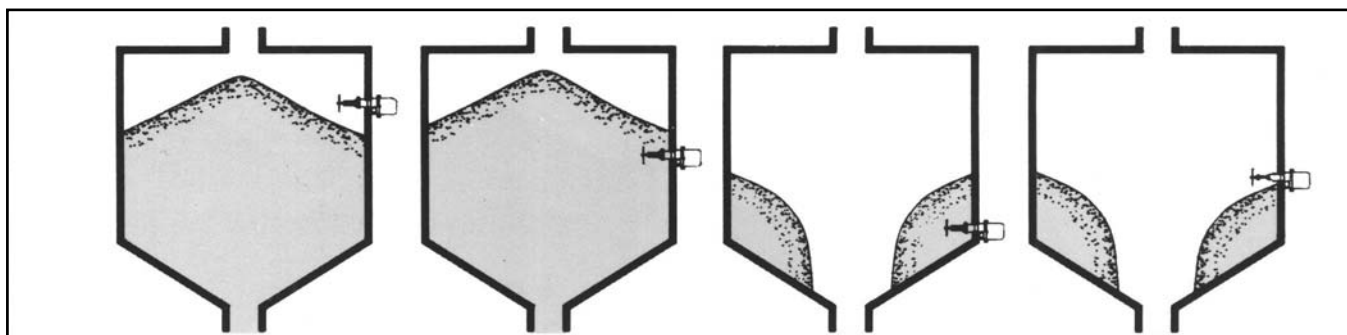
● SB3 type



● Detailed specifications for each model.

No.	Model	Type	Material of detection parts	Temperature inside the tank. Max °C	Tank volume			Detection <Level>		Mounting		Weather-tight	Remark
					S	M	L	Hi	Low	Side	Top		
1	SC5-X	Basic	304SS neoprene	80	●	●		●	●	●		●	
2	SC5-F	Flange	304SS neoprene	80	●	●		●	●	●		●	Flange : SUS 304
3	SC5-G	Guard	304SS neoprene	80		●			●	●		●	Flange : SUS 304
4	SC5-L	Long Shaft	304SS neoprene	80	●	●		●	●	●	●	●	1. Low detection of large tank, attach the guard
5	SC5-S	Slide Flange	304SS neoprene	80	●	●		●	●	●	●	●	2. In Case of vertical mounting, make the paddle to corn shape
6	SC5-T	Heat Proof	304SS neoprene	150	●	●		●	●	●	●	●	
7	SC5-TA	Shock proof	304SS	300	●	●		●	●	●		●	asphalt plant
8	SC5-D	Shock proof	304SS neoprene	80	●	●		●	●	●		●	venture plant
9	SC5-E	Ex proof	304SS neoprene	40	●	●		●	●	●			d2G4
10	SC5-EF	Ex proof	304SS neoprene	40	●	●		●	●	●			d2G4
11	SC5-EG	Ex proof	304SS neoprene	40	●	●		●	●	●			d2G4

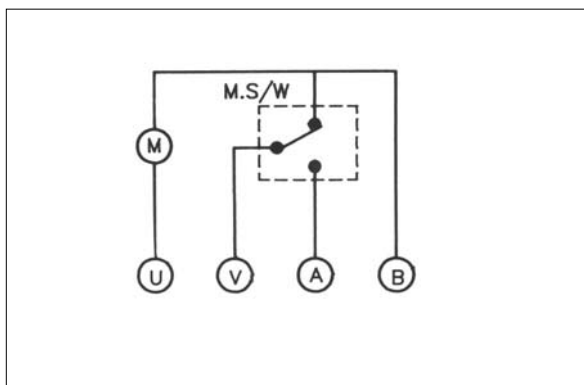
Installation



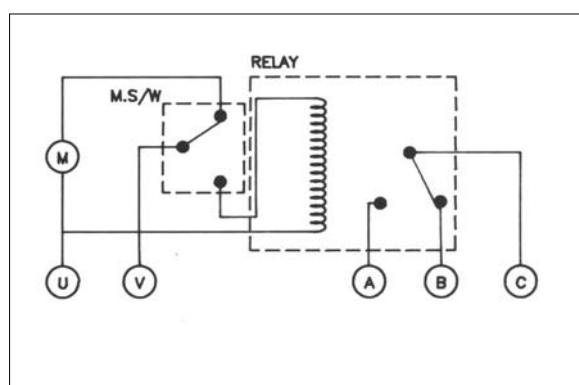
Specifications

Model		SC5-X	SC5-F	SC5-G	SB3-X	SB3-F	SB3-G
Power supply		AC 110V/220V 50/60Hz					
Contact		Micro switch					
Contact capacity		AC 250V / 10A			AC 250V/ 5A		
Temperature limit		80 ℃			60 ℃	80 ℃	
Structure		Weather-tight			Non weather-tight		
Material	Detection parts	ADC, 304SS, Rubber			304SS Neoprene Gum	ADC, 304SS, Rubber	
	Body	ADC, PC			Poly Phenol		
Cable gland		JIS F 15C (PF 1/2 ")					
Mounting		M 30x2	JIS 5K 65A 304SS		M 30x2	JIS 5K 65A 304SS	
Reciprocation St		10mm					
Reciprocation speed		50Hz : 5 reciprocation / min , 60Hz 6 reciprocation / m					

Connection Diagram



Standard connection

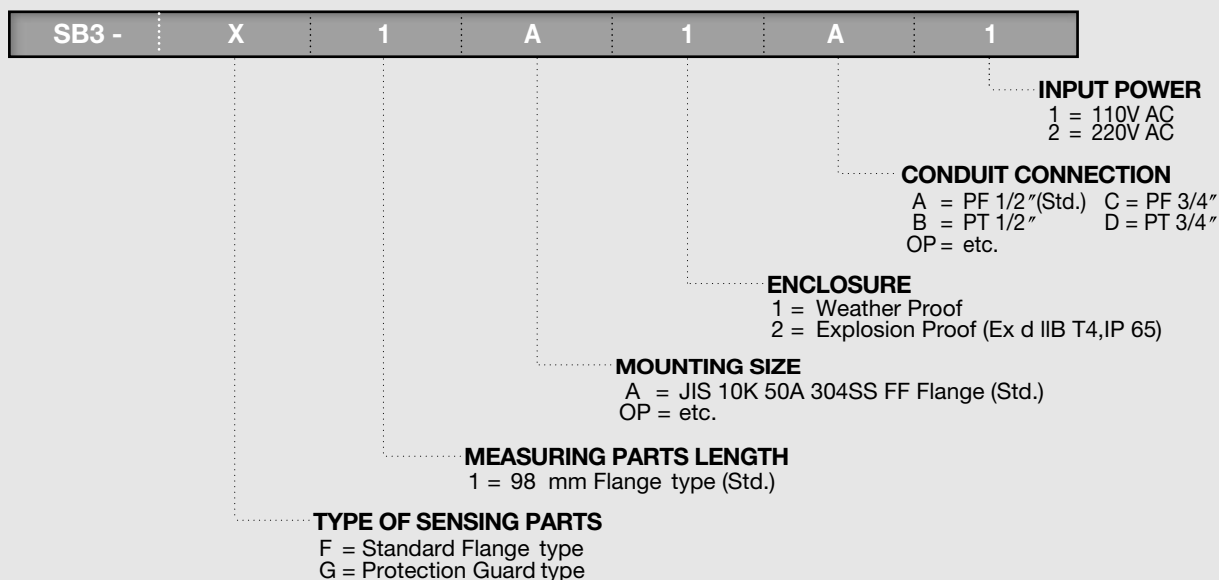
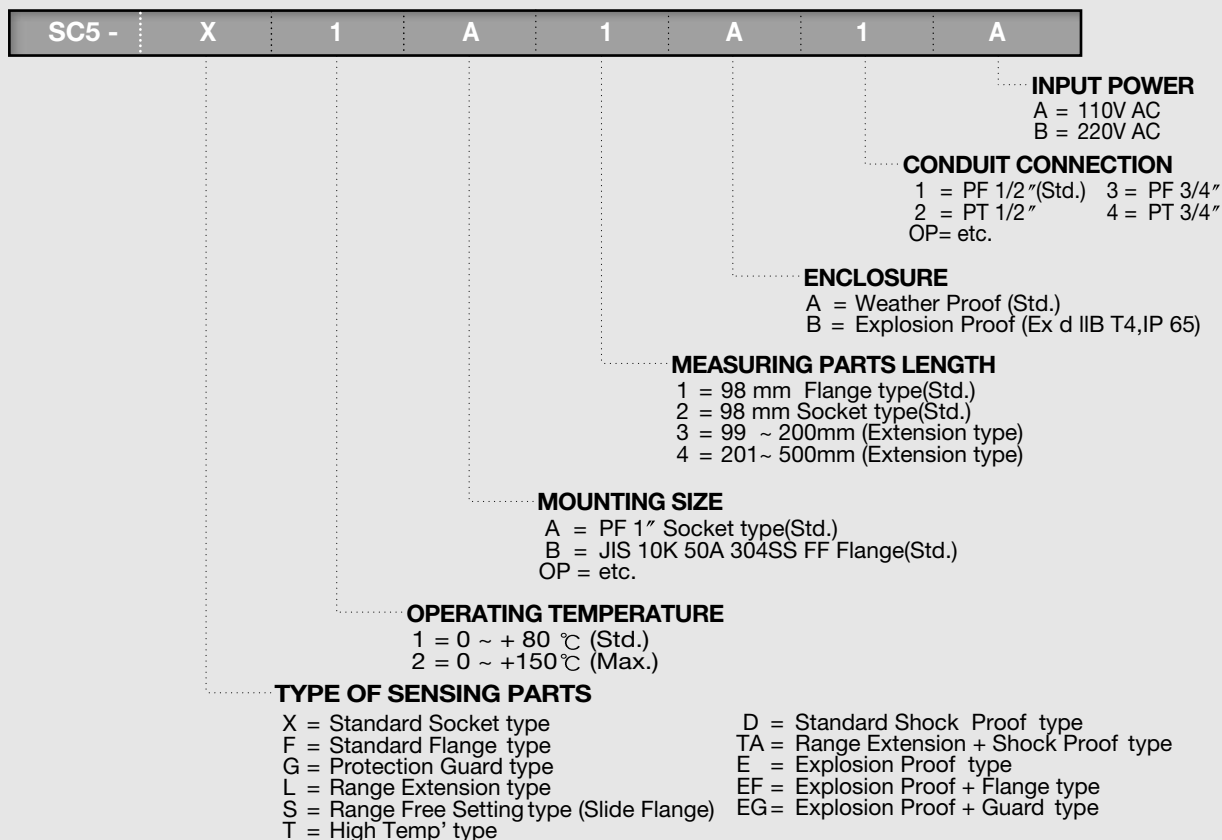


Relay built-in type connection

■ For ordering, notify the following in advance

- 1) Hopper size
- 2) Specific gravity of solid material
- 3) Material aspect
- 4) Presence of moisture & adhesion
- 5) Temperature inside the Hopper
- 6) Pressure inside the Hopper
- 7) Mounting method
- 8) Solid material name & operating temperature.

■ PISTON TYPE LEVEL SWITCH



■ When placing an order, selected ordering number should be indicated on the purchase order sheet.

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■ Specifications subject to change without notice.