

# Vibrationsnivåvakt

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## **PRODUCT INTRODUCTION**

#### WORKING PRINCIPLE

The vibrating probe of level switch operated by using two piezoelectric elements built-in on vibration tube. The first piezoelectric element triggered by pulse signal that created from circuit to transport vibration energy out, and the other piezoelectric element receives the vibration and transmits it to output electric signal. While the probe contacts material, the detection signal will be decayed and the vibration will hold and send out the relay on. Vibrating probe of level switch provides reliable & maintenance-free for bulk solids. Just a simple mounting and calibration procedure that keep your facility in save and monitoring. This device can withstand fiercely lateral loads and static electricity.

For friendly use, Fail-safe is equipped as standard to prevent malfunction caused by power shortage.

#### FEATURE

- Glass window, to review power supply and output directly without having to take off enclosure cover (SC3 series).
- Dual insulation can reduce damage on PCB board caused by temperature, humidity, and condensation effects.
- Wide voltage supply rage 20~250, 50~60Hz Vac/ Vdc
- SPDT Relay output, SSR MOSFET output.
- No calibration required, easy use, sturdy and durable design.
- Avoid media accunulation on probe.
- High/ Low failure safe modes.
- Sensitivity adjustment is available for different density of media. Fine powder can be detected.
- Interface detection between solid liquid is available.
- Strong vibration force, suitable foe powder and solid
- applications.

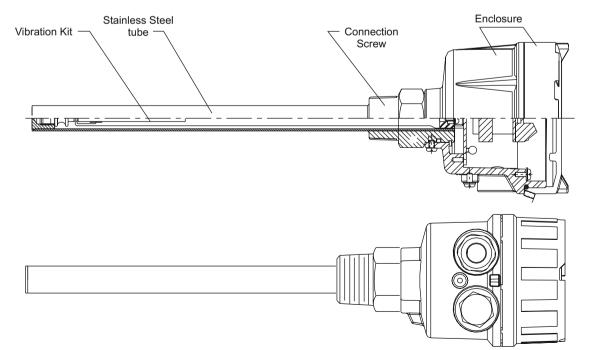
### **Structure & Dimension**

#### **APPLICATION**

- Most materials in powder can be detected, includes coffee, milk powder, chocolate, coal ash, bulk, sugar, salt, wheat, grains, glass debris, plastic pellet, cement
- Sludge level detection in waste water

- 1 Powdered milk
- 1 Frozen potato chips
- 1 Beans
- 1 Sugar
- 1 Sweets
- 1 Coffee beans
- 1 Coffee Powder
- 1 Tea (leaf)
- 1 Salt
- 1 Flour
- 1 Foundry sand
- 1 Spices
- 1 Animal food
- 1 Animai 1000
- 1 Pellets

- 1 Peanuts
- 1 Tobacco
- 1 Wood shavings
- 1 Chalk
- 1 Stearin chips
- 1 Powdered cellulose
- 1 Glass finely poeder
- 1 Granular plastics
- 1 Gravel
- 1 Powdered clay
- 1 Polystyrene powder
- 1 Styrofoam
- 1 Soda
- 1 Soot dry



# **SPECIFICATION (Multi-Function Vibrating Probe Level Switch)**

Dimensions (Unit:mm)	- f84 - 1/2"PF 20 1/2"PF 275mm	275~400mm	f27.2 f2	
Order No.	SC3100 ¡Standard Type¡	SC3110 ¡Probe Extension Type;	SC3120 ¡Ultra Extension Type;	
Level Sensor Housing		Aluminum / IP65		
Probe Construction		SUS 304 / 316		
Mounting		1"PT		
Conduit	1/2"NPTx2			
Max. Vertical load on rod.	177in.Lbs(20Nm)			
Operating Pressure.	-1~150PSI (10BAR)			
Power Supply	20~250, 50/60Hz Vac/ Vdc			
Power Consumption	15VA (Max.)			
Operating Temp. In Ambient Air	-40LC~60LC			
Operating Temp. In Bin	-40LC~80LC			
Signal Output	Relay, SPDT, 5A/250Vac, PNP/NPN(MOSFET) 400mA/60 Vac/ Vdc			
Min. material density sensed	Solid: <sup>3</sup> 0.32g/cm <sup>3</sup>			
Time Delay	0.6~1 Second / Operate; 2~5 Seconds / Reset			
Vibrating Frequency.	395~405HZ			
Selectable Fail-safe	Hi./ Lo.			
Selectable Sensitivity		Hi./ Mid. / Lo.		

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# **SPECIFICATION (Multi-Function Vibrating Probe Level Switch)**

Dimensions (Unit:mm)	$f_{30}$ $f_{1/2}$ $f_{1/$	TEFLON 275mm	f113 108 1/2"NPT 1/2"NPT 1/2"NPT 275~400mm 1/9	
Order No.	SC3300 ¡Cable Extension Type¡	SC3500 ¡Corrosion Proof Type;	SC2510 Corrosion Proof & Extension Type <sub>i</sub>	
Level Sensor Housing		Aluminum / IP65		
Probe Construction	SUS 304 / 316	SUS 304/316 Coating TEFLON	SUS 304/316 Coating TEFLON	
Mounting	1"PT	Flange 1"(min.)	Flange 1"(min.)	
Conduit	1/2"PFx2			
Max. Vertical load on rod.		177in.Lbs(20Nm)		
Operating Pressure.	-1~150PSI (10BAR)	-1~150PSI (10BAR)	-1~150PSI (10BAR)	
Power Supply		20~250, 50/60Hz Vac/ Vdc		
Power Consumption		15VA (Max.)		
Operating Temp In Ambient Air		-40LC~60LC		
Operating Temp In Bin	-40LC~80LC			
Signal Output	Relay, SPDT, 5A/250Vac, PNP/NPN(MOSFET) 400mA/60 Vac/ Vdc			
Min. material density sensed	Solid: <sup>3</sup> 0.32g/cm <sup>3</sup>			
Time Delay	0.6~1 Second / Operate; 2~5 Seconds / Reset			
Vibrating Frequency.	395~405HZ			
Selectable Fail-safe	Hi./ Lo.			
Selectable Sensitivity	Hi./ Mid. / Lo.			

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# **SPECIFICATION**

Dimensions (Unit:mm)	108 108 1/2"NPT 20 1"PT 275mm 275mm	108 108 1/2"NPT 20 1"PT 275~400mm 19	f27.2 f27.2 f29 f29 f29 f27.2 f27.2 f29 f29 f29 f29 f29 f29 f29 f29 f29 f2	
Order No.	SC2100 ¡Standard Type¡	SC2110 ¡Probe Extension Type¡	SC2120 ¡Ultra Extension Type¡	
Level Sensor Housing		Aluminum / IP65		
Probe Construction	SUS 304 / 316			
Mounting	1"PT			
Conduit	1/2"NPTx2			
Max. Vertical load on rod.	177in.Lbs(20Nm)			
Operating Pressure.	-1~150PSI (10BAR)			
Power Supply	20~250, 50/60Hz Vac/ Vdc			
Power Consumption	15VA (Max.)			
Operating Temp. In Ambient Air	-40LC~60LC			
Operating Temp. In Bin	-40LC~80LC			
Signal Output	Relay, SPDT, 5A/250Vac, PNP/NPN(MOSFET)400mA/60 Vac/ Vdc			
Min. material density sensed	Solid: <sup>3</sup> 0.32g/cm <sup>3</sup>			
Time Delay	0.6~1 Second / Operate; 2~5 Seconds / Reset			
Remote-test	Yes			
Vibrating Frequency.	395~405HZ			
Selectable Fail-safe	Hi./ Lo.			
Selectable Sensitivity	Hi./ Mid. / Lo.			

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# **SPECIFICATION**

Order No.SC2300 . Cable Extension Type.SC2500 . Corrosion-Proof.SC2510. Corrosion-Proof & Extension Typ.Level Sensor Housing	Dimensions (Unit:mm)	f113 108 1/2"NPT 20 1/2"NPT 1/2"NPT 1/2"NPT f10 f30 f30 f10 f19 f19 f150	f113 108 1/2"NPT 1/2"NPT 275mm 275mm	f113 1/2"NPT 1/2"NPT 1/2"NPT 275~400mm 1/2"F1	
Housing   Aluminum / IP65     Probe Construction   SUS 304 / 316   SUS 304/316 Coating TEFLON   SUS 304/316 Coating TEFLON     Mounting   1"PT   Flange 1"(min.)   Flange 1"(min.)     Conduit   1"PT   Flange 1"(min.)   Flange 1"(min.)     Conduit   1/2"NPTx2   Max. Vertical load on rod.   177in.Lbs(20Nm)   -1~150PSI (10BAR)     Operating Pressure.   -1~150PSI (10BAR)   -1~150PSI (10BAR)   -1~150PSI (10BAR)     Power Supply   20~250, 50/60Hz Vac/ Vdc   Vdc     Power Consumption   15VA (Max.)   Operating Temp. In Ambient Air   -40LC~60LC     Operating Temp. In Ambient Air   -40LC~80LC   Solid: *0.32g/cm³   Solid: *0.32g/cm³     Time Delay   0.6~1 Second / Operate; 2~5 Seconds / Reset   Remote-test   Yes     Vibrating Frequency.   395~405HZ   Selectable   Hi./Lo.     Selectable   Hi./Lo.   Selectable   Hi./Lo.	Order No.				
Construction   SUS 304 / 316   SUS 304 / 316 Coating TEFLON   SUS 304 / 316 Coating TEFLON     Mounting   1"PT   Flange 1"(min.)   Flange 1"(min.)     Conduit   1/2"NPTx2     Max. Vertical load on rod.   177in.Lbs(20Nm)     Operating Pressure.   -1~150PSI (10BAR)   -1~150PSI (10BAR)     Power Supply   20~250, 50/60Hz Vac/ Vdc     Power Supply   20~250, 50/60Hz Vac/ Vdc     Power Consumption   -40LC~60LC     Operating Temp. In Ambient Air   -40LC~80LC     Signal Output   Relay, SPDT, 5A/250Vac, PNP/NPN(MOSFET)400mA/60 Vac/ Vdc     Min. material density sensed   0.6~1 Second / Operate; 2~5 Seconds / Reset     Remote-test   Yes     Vibrating Frequency.   395~405HZ     Selectable Fail-safe   Hi./ Lo.			Aluminum / IP65		
Conduit   1/2"NPTx2     Max. Vertical load on rod.   177in.Lbs(20Nm)     Operating Pressure.   -1~150PSI (10BAR)   -1~150PSI (10BAR)     Power Supply   20~250, 50/60Hz Vac/ Vdc     Power Consumption   15VA (Max.)     Operating Temp. In Ambient Air   -40LC~60LC     Operating Temp. In Bin   -40LC~80LC     Signal Output   Relay, SPDT, 5A/250Vac, PNP/NPN(MOSFET)400mA/60 Vac/ Vdc     Min. material density sensed   Solid: <sup>3</sup> 0.32g/cm <sup>3</sup> Time Delay   0.6~1 Second / Operate; 2~5 Seconds / Reset     Remote-test   Yes     Vibrating Frequency.   Sale-405HZ     Selectable Fail-safe   Hi / Lo.     Selectable   Hi / Lo.		SUS 304 / 316	SUS 304/316 Coating TEFLON	SUS 304/316 Coating TEFLON	
Max. Vertical load on rod.   177in.Lbs(20Nm)     Operating Pressure.   -1~150PSI (10BAR)   -1~150PSI (10BAR)     Power Supply   20~250, 50/60Hz Vac/ Vdc     Power Supply   15VA (Max.)     Operating Temp. In Ambient Air   -40LC~60LC     Operating Temp. In Ambient Air   -40LC~80LC     Signal Output   Relay, SPDT, 5A/250Vac, PNP/NPN(MOSFET)400mA/60 Vac/ Vdc     Min. material density sensed   Solid: <sup>3</sup> 0.32g/cm <sup>3</sup> Time Delay   0.6~1 Second / Operate; 2~5 Seconds / Reset     Vibrating Frequency.   Yes     Selectable   Hi./ Lo.	Mounting	1"PT	Flange 1"(min.)	Flange 1"(min.)	
load on rod.   In 71/III.LUS(20NIII)     Operating Pressure.   -1~150PSI (10BAR)   -1~150PSI (10BAR)     Power Supply   20~250, 50/60Hz Vac/ Vdc     Power Consumption   15VA (Max.)     Operating Temp. In Ambient Air   -40LC~60LC     Operating Temp. In Bin   -40LC~80LC     Signal Output   Relay, SPDT, 5A/250Vac, PNP/NPN(MOSFET)400mA/60 Vac/ Vdc     Min. material density sensed   Solid: °0.32g/cm³     Time Delay   0.6~1 Second / Operate; 2~5 Seconds / Reset     Vibrating Frequency.   Yes     Selectable   Hi./ Lo.	Conduit		1/2"NPTx2		
Pressure. -1~150PSI (10BAR) -1~150PSI (10BAR)   Power Supply 20~250, 50/60Hz Vac/ Vdc   Power Consumption 15VA (Max.)   Operating Temp. -40LC~60LC   In Ambient Air -40LC~80LC   Signal Output Relay, SPDT, 5A/250Vac, PNP/NPN(MOSFET)400mA/60 Vac/ Vdc   Min. material density sensed Solid: ³0.32g/cm³   Time Delay 0.6~1 Second / Operate; 2~5 Seconds / Reset   Vibrating Frequency. Yes   Vibrating Frequency. Hi./ Lo.   Selectable Hi./ Lo.			177in.Lbs(20Nm)		
Power Consumption15VA (Max.)Operating Temp. In Ambient Air-40LC~60LCOperating Temp. In Bin-40LC~80LCSignal OutputRelay, SPDT, 5A/250Vac, PNP/NPN(MOSFET)400mA/60 Vac/ VdcMin. material density sensedSolid: ³0.32g/cm³Time Delay0.6~1 Second / Operate; 2~5 Seconds / ResetRemote-testYesVibrating Frequency.395~405HZSelectable Fail-safeHi./ Lo.		-1~150PSI (10BAR)	-1~150PSI (10BAR)	-1~150PSI (10BAR)	
Consumption   ISVA (Max.)     Operating Temp.   -40LC~60LC     In Ambient Air   -40LC~80LC     Operating Temp.   -40LC~80LC     In Bin   Relay, SPDT, 5A/250Vac, PNP/NPN(MOSFET)400mA/60 Vac/ Vdc     Min. material   Solid: 30.32g/cm <sup>3</sup> density sensed   0.6~1 Second / Operate; 2~5 Seconds / Reset     Remote-test   Yes     Vibrating   395~405HZ     Frequency.   Hi./ Lo.     Selectable   Hi./ Lo.	Power Supply		20~250, 50/60Hz Vac/ Vdc		
In Ambient Air Operating Temp. In Bin Signal Output Relay, SPDT, 5A/250Vac, PNP/NPN(MOSFET)400mA/60 Vac/ Vdc Min. material density sensed Solid: <sup>3</sup> 0.32g/cm <sup>3</sup> Time Delay 0.6~1 Second / Operate; 2~5 Seconds / Reset Remote-test Yes Vibrating Frequency. Selectable Fail-safe Ui / Mid. / Lo.			15VA (Max.)		
In Bin   -40LC-SOLC     Signal Output   Relay, SPDT, 5A/250Vac, PNP/NPN(MOSFET)400mA/60 Vac/ Vdc     Min. material density sensed   Solid: 30.32g/cm3     Time Delay   0.6~1 Second / Operate; 2~5 Seconds / Reset     Remote-test   Yes     Vibrating Frequency.   395~405HZ     Selectable Fail-safe   Hi./ Lo.			-40LC~60LC		
Min. material density sensed Solid: <sup>3</sup> 0.32g/cm <sup>3</sup> Time Delay 0.6~1 Second / Operate; 2~5 Seconds / Reset   Remote-test Yes   Vibrating Frequency. 395~405HZ   Selectable Fail-safe Hi./ Lo.	Operating Temp. In Bin	-40LC~80LC			
density sensed   Solid: 30.32g/cm <sup>3</sup> Time Delay   0.6~1 Second / Operate; 2~5 Seconds / Reset     Remote-test   Yes     Vibrating   395~405HZ     Frequency.   Hi./ Lo.     Selectable   Hi./ Lo.		Relay, SPDT, 5A/250Vac, PNP/NPN(MOSFET)400mA/60 Vac/ Vdc			
Remote-test Yes   Vibrating 395~405HZ   Frequency. Hi./ Lo.   Selectable Hi./ Lo.		Solid: <sup>3</sup> 0.32g/cm <sup>3</sup>			
Vibrating Frequency. Selectable Fail-safe Selectable	Time Delay	0.6~1 Second / Operate; 2~5 Seconds / Reset			
Frequency. 393-40312   Selectable Hi./ Lo.   Selectable Hi./ Lo.	Remote-test	Yes			
Selectable	Frequency. Selectable				
	Selectable				

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## **SPECIFICATION**

Dimensions (Unit:mm)	108 1/2"NPT   108 1/2"NPT   20 1"PT   275mm   275mm   Ex   SC1700		f113 108 1/2"NPT 20 1"PT f29 350mm~4M f19 f19 f19 f19 f19 f19 f19 f19	
Order No.	SC1700 $_{\circ}$ Standard Type $_{\circ}$	SC1701 $_{\circ}$ Probe Extension Type $_{\circ}$	SC1710 ₀ Ultra Extension Type₀	
Level Sensor Housing		Aluminum / Ex d IIC T3~T6		
Probe Construction	SUS 304 / 316			
Mounting	Screw: 1"PT or PF, Flange: 1"~6"JIS / DIN / ANSI			
Conduit	1/2"NPTx2			
Max. Vertical load on rod.	177in.Lbs(20Nm)			
Operating Pressure.	-1~150PSI (10BAR)			
Power Supply	20~250Vac/dc			
Power Consumption	15W			
Operating Temp. In Ambient Air	-40LC~60LC			
Operating Temp. In Bin	-40LC~80LC			
Signal Output	Relay, SPDT , 3A/250Vac Max.			
Min. material density sensed	Solid: <sup>3</sup> 0.32g/cm <sup>3</sup>			
Time Delay	0.6 Second / Operate; 2~5 Seconds / Reset			
Vibrating Frequency.	395~405HZ			
Selectable Fail-safe	Hi./ Lo.			
Selectable Sensitivity	Hi./ Mid. / Lo.			

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#### Vertical Installation (Figure 1):

- 1. It is suggested to install the vibrating probe away from the inlet to avoid material impact or false readings.
- 2. Users have to be aware of the material flow pattern and placing the vibrating probe in the appropriate position to avoid overflow.

#### Horizontal Installation (Figure 2)

- 1. It is suggested to install the vibrating probe away from the inlet to avoid of material impact. If it has to install the vibrating probe near an inlet, it is recommended to add a shield for protection.
- 2. Installing the vibrating probe at 20 degree inclined will optimize the result and increase the sensitivity.
- 3. Keep the conduit downward to avoid moisture getting inside the housing.

#### Notice:

- 1. Please DO NOT climb on the vibrating probe while installation.
- 2. Users are advised to tighten the connection by using the spanner.
- 3. Please DO NOT bend the vibrating probe or modify the probe length.
- 4. The max. vertical pressure of the vibrating probe is 177in.Lbs (20Nm)

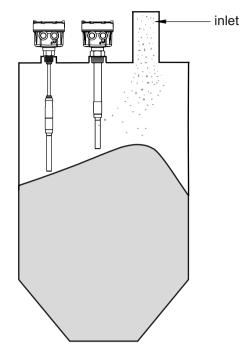
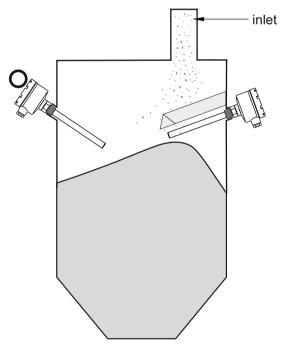
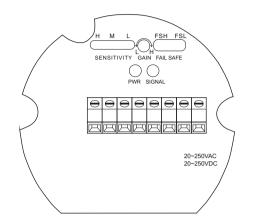


Figure 1





SC2100X, SC2110X, SC2200X, SC2210X, SC2300X, SC2500X, SC1700X, SC1701X, SC1710X



## **Terminal Function**

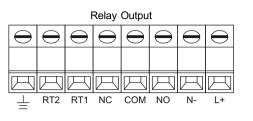
- L+, N-: Power Supply
- NC, COM, No: Relay Output
- RT1, RT2: Remote-Test
- ≟ : Ground Connection
- "ਜ਼ਰਤਾ : SSR(MOSFET) Output

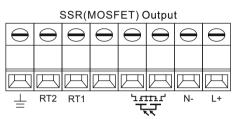
## **Panel Function**

- PWR: Power Supply (Green Light)
- SIGNAL: Output Indication (Red Light)
- FSH: Power On. The signal lamp is on and the relay is conductive. While the vibrating probe senses the material, the signal lamp is off and relay is not conductive.
- FSL: Power On. The signal lamp is off and the relay is not conductive. While the probe senses the material, the signal lamp is on and relay is conductive.
- SENSITIVITY L: Low Sensitivity
- SENSITIVITY H: High Sensitivity

## Sensitivity Adjustment

- 1. GAIN: Located upside of PCB and not allow users to do the adjustment.
- 2. SENSITIVITY: Located above PCB. Three options (L.M.H) are offered for the adjustment. When switching to H position, it has the highest sensitivity. When switching to L position, it has the lowest sensitivity. The original setting is at L position and users are able to adjust the sensitivity depends on the specific gravity of material.





### Fail-Safe High / Low Protection

#### FSH (Fail-Safe High) Protection:

Switch to FSH mode.

Normal Status: The signal lamp is on. It means that the vibrating probe does not sense the material and the relay is conductive. Failure: When the power shuts down, the signal lamp is off. It means that the vibrating probe is voided and the relay is not conductive.

#### FSL (Fail-Safe Low) Protection:

Switch to FSL mode.

Normal Status: The signal lamp is on. The vibrating probe senses the material and the relay is conductive.

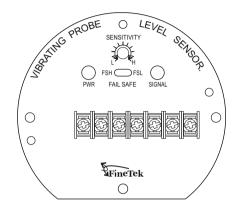
Failure: When the power shuts down, the signal lamp is off. The vibrating probe is voided and the relay is not conductive.

	FSL		FSH	
Level				ů.
Contact Form		NO COM NC	NO COM NC	NO COM NC
Indication	0	×	-) <b>(</b> -	0
Status	Fail	Normal	Normal	Fail

9H: High Sensitivity (Suitable for detecting low specific gravity material)

- 9M: Medium Sensitivity (Suitable for detecting medium specific gravity material)
- 9L : Low Sensitivity (Suitable for detecting low specific gravity material)

SC2100X, SC2110X, SC2200X, SC2210X, SC2300X, SC2500X, SC1700X, SC1701X, SC1710X



### **Terminal Function**

- L+, N-: Power Supply
- NC, COM, No: Relay Output
- RT: Remote-Test
- ≟ : Ground Connection
- ・ ゚゚゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙゙ ゚゙: SSR(MOSFET) Output

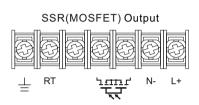
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- PWR: Power Supply (Green Light)
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- FSL: Power On. The signal lamp is off and the relay is not conductive. While the probe senses the material, the signal lamp is on and relay is conductive.
- SENSITIVITY L: Low Sensitivity
- SENSITIVITY H: High Sensitivity

## Sensitivity Adjustment

 SENSITIVITY: Located upside of PCB. When switching to H position, it has the highest sensitivity. When switching to L position, it has the lowest sensitivity. The original setting is at L position and users are able to adjust the sensitivity depends on the specific gravity of material.





## Fail-Safe High / Low Protection

#### FSH (Fail-Safe High) Protection:

Switch to FSH mode.

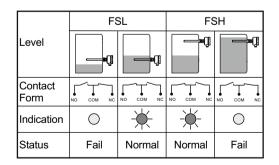
Normal Status: The signal lamp is on. It means that the vibrating probe does not sense the material and the relay is conductive. Failure: When the power shuts down, the signal lamp is off. It means that the vibrating probe is voided and the relay is not conductive.

#### FSL (Fail-Safe Low) Protection:

Switch to FSL mode.

Normal Status: The signal lamp is on. The vibrating probe senses the material and the relay is conductive.

Failure: When the power shuts down, the signal lamp is off. The vibrating probe is voided and the relay is not conductive.



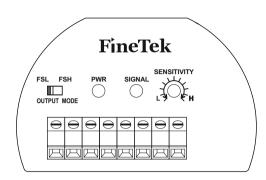
9H: High Sensitivity (Suitable for detecting low specific gravity material)

9L : Low Sensitivity (Suitable for detecting low specific gravity material)

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## **TERMINAL / SENSITIVITY ADJUSTMENT (MULTI-FUNCTION TYPE)**

#### SC3100X, SC3110X, SC3120X, SC3300X, SC3500X



#### **Terminal Function**

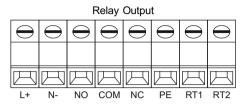
- L+, N-: Power Supply
- NC, COM, No: Relay Output
- RT1, RT2: Remote-Test
- ≟ : Ground Connection
- "ਜ਼ਰਤਾ : SSR(MOSFET) Output

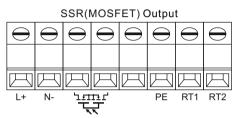
### **Panel Function**

- PWR: Power Supply (Green Light)
- SIGNAL: Output Indication (Red Light)
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- FSL: Power On. The signal lamp is off and the relay is not conductive. While the probe senses the material, the signal lamp is on and relay is conductive.
- SENSITIVITY L: Low Sensitivity
- SENSITIVITY H: High Sensitivity

### Sensitivity Adjustment

 SENSITIVITY: Located upside of PCB. When switching to H position, it has the highest sensitivity. When switching to L position, it has the lowest sensitivity. The original setting is at L position and users are able to adjust the sensitivity depends on the specific gravity of material.





### Fail-Safe High / Low Protection

#### FSH (Fail-Safe High) Protection:

Switch to FSH mode.

Normal Status: The signal lamp is on. It means that the vibrating probe does not sense the material and the relay is conductive. Failure: When the power shuts down, the signal lamp is off. It means that the vibrating probe is voided and the relay is not conductive.

#### FSL (Fail-Safe Low) Protection:

Switch to FSL mode.

Normal Status: The signal lamp is on. The vibrating probe senses the material and the relay is conductive.

Failure: When the power shuts down, the signal lamp is off. The vibrating probe is voided and the relay is not conductive.

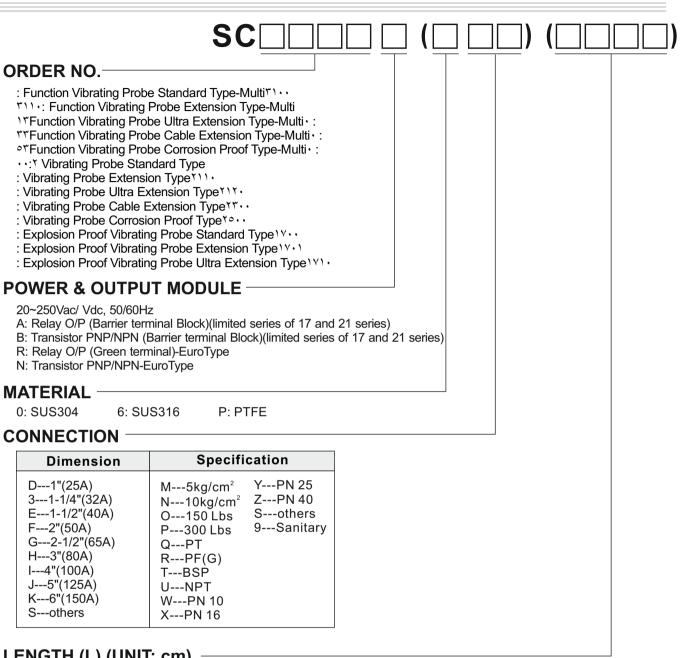
	FSL		FSH	
Level				<b>P</b>
Contact Form	NO COM NC	NO COM NC	NO COM NC	NO COM NC
Indication	0	×	×	0
Status	Fail	Normal	Normal	Fail

9H: High Sensitivity (Suitable for detecting low specific gravity material)

9L : Low Sensitivity (Suitable for detecting low specific gravity material)

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## **ORDER INFORMATION**



## LENGTH (L) (UNIT: cm)

**0500:** below 500mm **1000:** 501~1000mm **1500:** 1001~1500mm

🔆 500mm per Unit

% Use English letter as first code for probe length over 10m. A150 represents 15m, A200 represents 20m

## **BEFORE YOU ORDER**

1. Please affirm the voltage.

- 2. Please affirm the mounting positions.
- 3. Please affirm the material specific gravity (S.G.) value.
- 4. Please affirm whether any bridge block or vibrating motor are attached onto the silo wall.

Tolerance of the total product length is65mm

Characteristics, specifications and dimensions are subject to change without notice. Please contact your nearest distributing office for further information.

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