



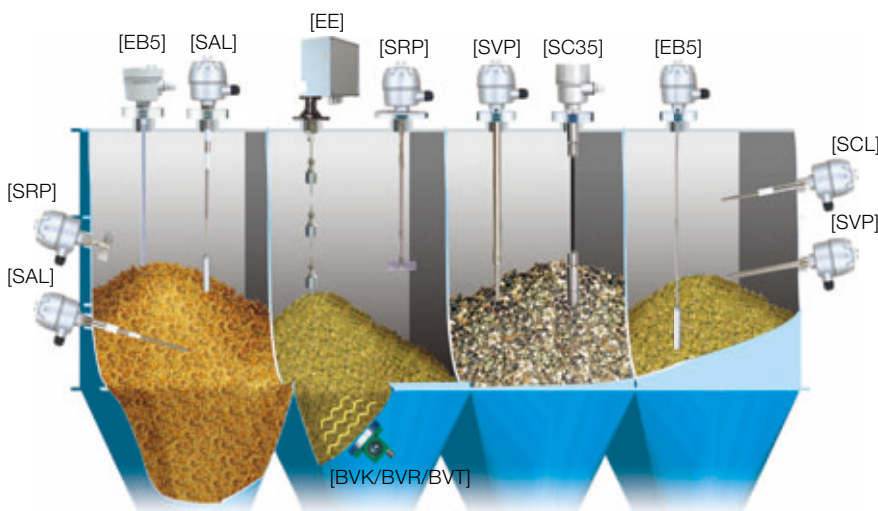
ISO-9001:2000 certified

Product Solutions for Bulk Solids Industries

A+fine
Aplus Finetek Sensor, Inc.

High Quality, Value and Flexible Solutions

Aplus Finetek Sensor, Inc. brings more than thirty years of experience to each and every application. Founded in 2010 as the USA subsidiary of Finetek, Ltd., we know that for any operation to perform at its most efficient level it is essential to measure and control process functions effectively and with equipment designed for high quality, reliability and value. Our rapid growth is based upon this knowledge, our expertise in the application of state-of-the-art technologies, as well as our flexibility and commitment to provide innovative and customized product solutions. No matter what needs you have or what industry you are in, Aplus Finetek Sensor, Inc. provides you the greatest assurance of product reliability, engineered solutions and high value in bin level indication, level control and continuous level measurement to prevent bin overflows, material outage, plugged chutes and provide valuable inventory measurements. Our commitment to the principles of high quality, high value and flexibility will assist you in eliminating costly spills, material waste and unnecessary downtime.



- [SRP] Rotary Paddle Point Level Sensor
- [SCL] Capacitance Point Level Sensor
- [SVP] Vibrating Probe Point Level Sensor
- [SC35] Vibrating Fork Point Level Sensor
- [EB5] RF Admittance Level Transmitter
- [SAL] RF Admittance Point Level Sensor
- [EE] Electromechanical Level Measuring System
- [EST] Grain Temperature Monitoring System
- [MW] Wireless Module Monitoring System
- [MMS] Materials Management System
- [RA] Rectangular Aerator
- [BVK/BVR/BVT] Pneumatic Vibrator

Our Commitment to You

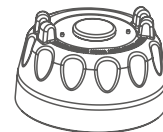
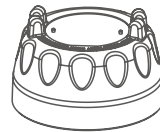
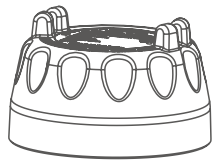


Aplus Finetek Sensor, Inc. utilizes unique and innovative implementation of state-of-the-art technologies for our complete offering of product solutions and technical services in every phase of process measurements, most especially in the field of point and continuous level sensors. We additionally use our knowledge and expertise to provide supplementary products including grain temperature/level measurement, process flow and temperature measurement, bulk solids bin fluidizing, ancillary conveyor controls, single loop controllers and a variety of panel meters. The commitment we have made to you, our customers, has made Aplus Finetek Sensor, Inc. one of the fastest growing companies specializing in the field of level measurement and related areas.

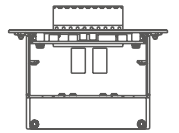
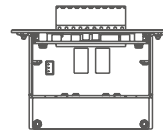
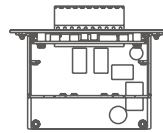
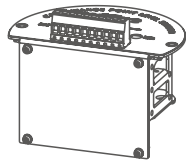


Modular Construction

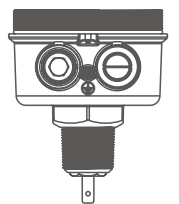
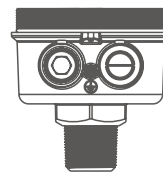
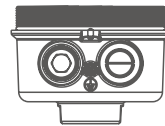
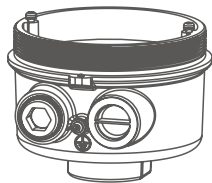
Cover



Electronics



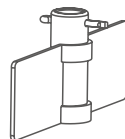
Housing



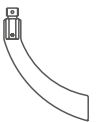
Flange



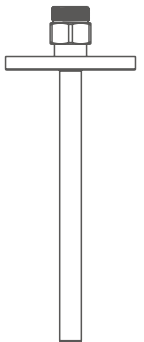
Sensing Element



Paddle

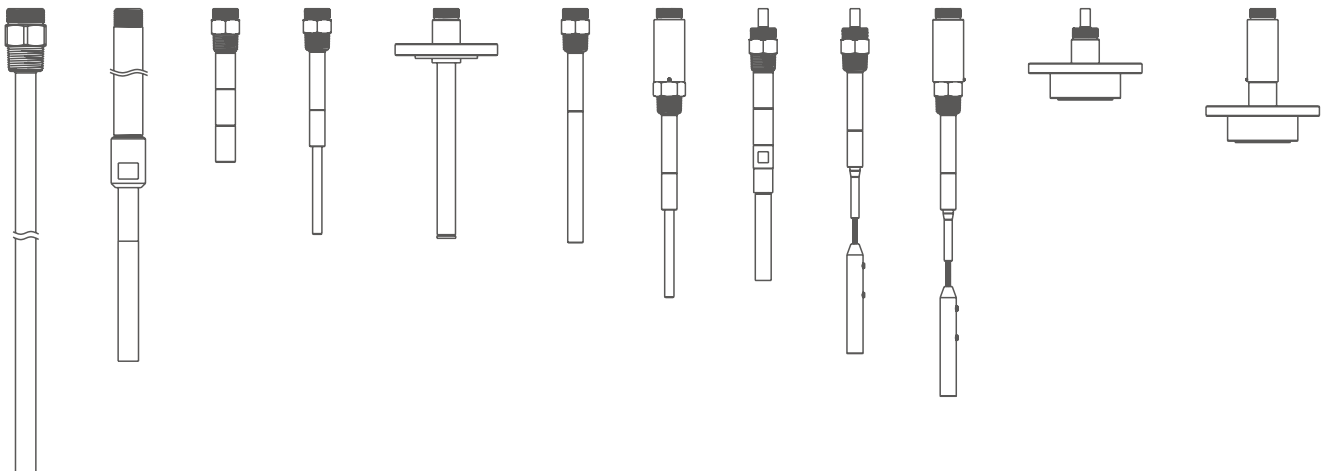
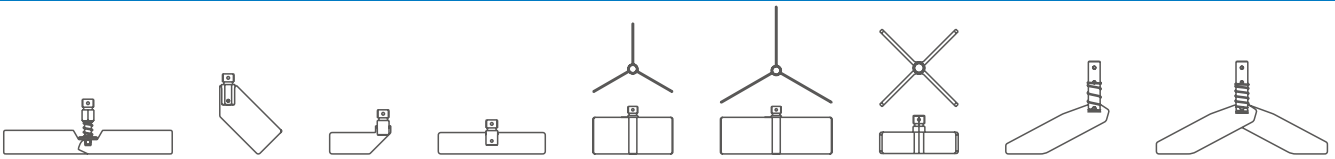
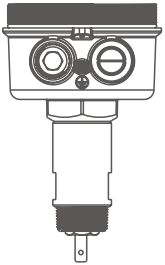
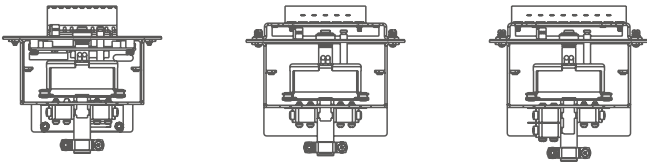


Probe





Aplus Finetek Sensor, Inc. applies our knowledge and expertise to develop and offer product solutions that are flexible and tailored to your requirements. We provide customized products as well as our standard product offering. No matter what process measurement or control function you require our approach to modular product design construction assists us in ensuring the highest level of your satisfaction.



SAL Series RF Admittance Point Level Sensor

FEATURES

- Universal power supply 20-250VAC/VDC
- Local LED indication
- Automatic build-up immunity
- Minimum dielectric of 1.5
- Bin temperature up to 842°F (450°C)
- Variety of probe and output types
- Adjustable sensitivity, time delay and fail-safe



CE

SCL Series Capacitance Point Level Sensor

FEATURES

- Universal power supply 20-250VAC/VDC
- Local LED indication
- Minimum dielectric of 1.5
- Bin temperature up to 392°F (200°C)
- Variety of probe and output types
- Adjustable sensitivity, time delay and fail-safe



CE



SRP Series Rotary Paddle Point Level Sensor

FEATURES

- Universal power supply 20-250VAC/VDC
- Local LED indication
- Easily adjusted sensitivity
- Choice of output types
- Bin temperature to 392°F (200°C)
- Unique dust seal to 58psi (4bar)
- Compact unit available (SE3X)



SVP Series Vibrating Probe Point Level Sensor

FEATURES

- Universal power supply 20-250VAC/VDC
- Local LED indication
- Single element rod probe
- No calibration required
- Uniquely rugged probe
- Choice of process connections
- Variety of probe and output types
- Adjustable sensitivity, time delay and fail-safe



SC35 Series Vibrating Fork Point Level Sensor

FEATURES

- Universal power supply 19-253VAC/VDC
- Unique self-diagnostics
- Ideal for extremely light material
- Material density is $\geq 0.624 \text{ lbs/ft}^3$ (10g/l)
- Compact enclosure
- Standard, high temperature and extended types



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EB5 Series RF Admittance Level Transmitter

FEATURES

- 4-20mA 2-wire loop powered design
- Linearity $\pm 1\%$ FS or $\pm 0.5\text{pf}$
- Low temperature effect ($\pm 0.2\%$ FS / $^{\circ}\text{C}$ or $0.1\text{pf} / ^{\circ}\text{C}$)
- Easy 2 point calibration
- Probe types for wide range of applications
- Measuring range of 20~2000pf



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EE Series Electromechanical Level Measuring System

FEATURES

- Microprocessor control of measuring cycle
- Measuring range up to 98.5ft (30m)
- Compact enclosure
- Angle adjustment ($\leq 45^\circ$) flange
- MODBUS serial link and 4-20mA output
- Three (3) relay outputs
- Variety of sensing weights
- Sensor diagnostics



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EST Series Grain Temperature Monitoring System

FEATURES

- Realtime monitoring to prevent grain spoilage
- Unique temperature/level sensor available
- Innovative 1-wire digital temperature sensors
- Maximum 98.5ft (30m) sensor length
- Customize temperature measuring points
- Simplified wiring with HubLink RS485 communication
- Wireless data transmission available (MW Series)
- Operator interface using MMS PC and software



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MW Series Wireless Module Monitoring System

FEATURES

- Wireless system uses Zigbee Pro[®] standard
- System components include End Device, Router, Coordinator and HubLink
- End Device: Interfaces to RS485 MODBUS network of sensors
- Router: Extends transmission distance of End Device / HubLink units
- Coordinator: Interfaces between PLC/PC and local networks
- HubLink: Provides wireless interface for switches, transmitter with analog output, 1-wire temperature monitoring devices and RS485 MODBUS devices



MMS Series Materials Management System

FEATURES

- MMS for use with EST series sensors monitors grain conditions in storage and displays temperature ONLY or temperature and level of grain on PC
- MMS for use with level transmitters like EE and EB5 series gathers bin level measurement data and presents in graphic and numerical format on PC



RA Series Rectangular Aerator

FEATURES

- Rectangular type bin aerator 3¾" x 7½" size
- Fluidize powder material to promote flow
- Fiberglass diffuser
- Interchangeable with other brands
- External mounting kit available



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Supplementary Products For Bulk Solids

FEATURES

- BVK/BVR/BVT series of pneumatic vibrators
- SRS/SRT series safety stop switch and conveyor belt misalignment switch



CE



Product Application Guide

Industry Use									
Product	Agriculture, Grain & Feed	Food & Beverage	Concrete	Aggregates & Cement	Pulp & Paper	Mining	Plastic Processing	Chemical Processing	Power Plant
SAL	■	■	■	■	■	■	■	■	■
SCL	■	■	□	■	■	□	■	■	■
SRP	■	■	■	■	■	□	■	■	■
SVP	■	■	□	■	■	■	■	■	■
SC35	■	■	□	□	□	□	■	■	□
EB5	□	□	■	■	□	□	■	■	■
EE	■	■	■	■	■	■	■	■	■
EST	■	□	□	□	□	□	□	□	□
MW	■	■	■	■	■	■	■	■	■
MMS	■	■	■	■	■	■	■	■	■

■ Highly Recommended □ Some Use



Bulk Solids Process Characteristics

Product	Process Temp (°F)	Max Pressure (psi)	Delay Time (s)	Fail Safe High	Fail Safe Low	Powder	Granular	Chunks	Ultra-Low Dielectric Constant (<1.6)	Ultra-Low Specific Gravity (<0.1)	Sticky
SAL	-40~842	290	0-30	YES	YES	■	■	■	□	■	■
SCL	-40~392	290	0-6	YES	YES	■	■	■	□	■	□
SRP	-40~392	58	0-12	YES	YES	■	■	□	■	□	□
SVP	-40~176	145	0-6	YES	YES	■	■	■	■	□	□
SC35	-40~536	363	1.5 or 5	YES	YES	■	□	□	■	■	□
EB5	-40~392	569	NA	NA	NA	□	■	■	□	■	□
EE	-40~221	17.4	NA	NA	NA	■	■	□	■	□	□
EST	14~176	NA	NA	NA	NA	□	■	□	□	■	□
MW	-40~176	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA Not Applicable

■ Highly Recommended

□ Some Use

FM Approvals Available

Certificates

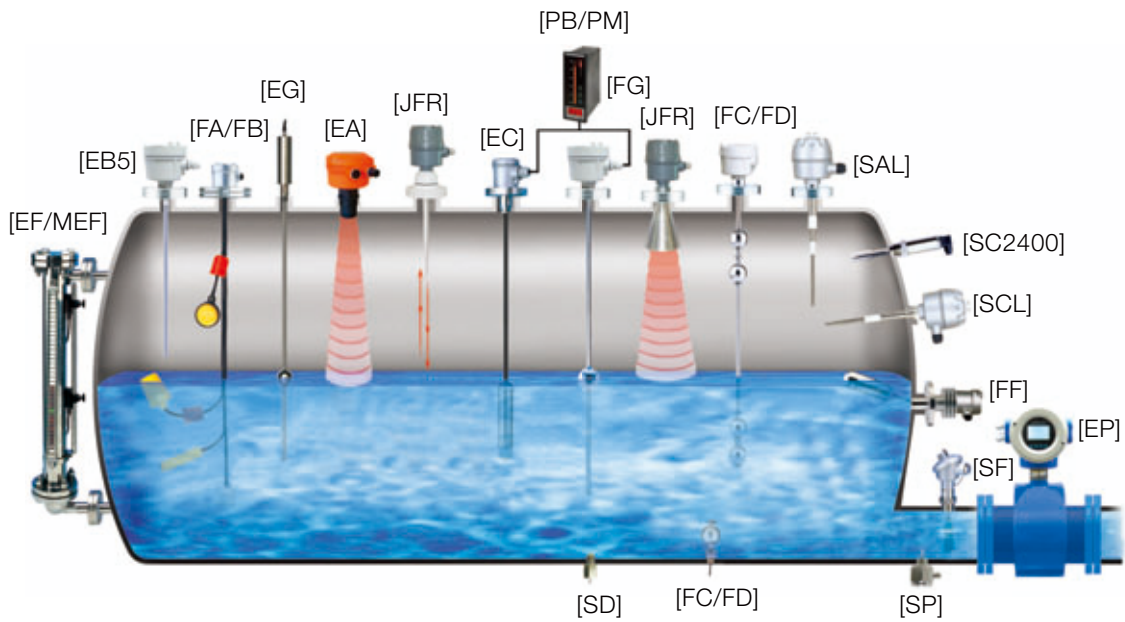
SRP	(a) Class I, Div. 1&2, Group C,D ; (b) Class II, Div. 1, Group E,F,G; (c) Class II, III, Div. 2, Group E,F,G; (d) NEMA 4X
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Commitment to Serve You



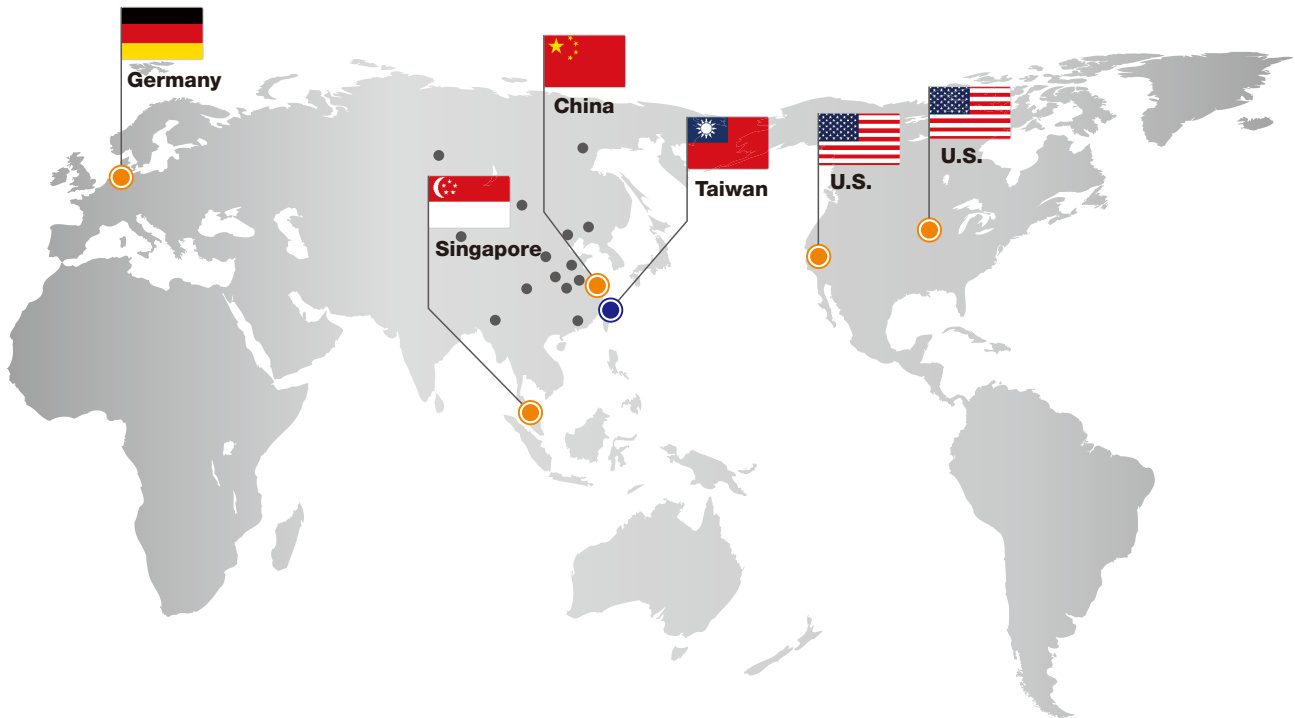
You demand exceptional service and support, and Aplus Finetek Sensor, Inc. delivers. With every contact we have with you, no matter whether you need fast shipment or to ensure an accurate quotation or order processing, we apply our decades of experience, knowledge and the selection and training of our people in order to assist you, maximize your satisfaction and exceed your expectations. We commit to thoroughly check and recheck the details required to ensure your requirements and expectations are met or exceeded.

Aplus Finetek Sensor, Inc. additionally offers product lines specifically for liquid level measurement and monitoring and flow detection and measurement. Please refer to the below illustration to see our other fine products.



[FC/FD]	Mini Float/Magnetic Float Level Switch	[EB5]	RF Admittance Level Transmitter
[FG]	Magnetic Float Level Transmitter	[SAL]	RF Admittance Point Level Sensor
[FF]	Side Mounting Float Switch	[EG]	Magnetostrictive Level Transmitter
[FA/FB]	Cable Float Level Switch	[EF]	By-Pass Level Transmitter
[SP]	Thermal Dispersion Flow Switch	[EP]	Flowmeter
[SF]	Paddle Flow Switch	[MEF]	Mini By-Pass Level Transmitter
[SD]	Optical Level Switch	[EA]	Ultrasonic Level Transmitter
[SCL]	Capacitance Point Level Sensor	[JFR]	FMCW Radar Level Transmitter
[SC2400]	Mini Tuning Fork Level Switch	[PB/PM]	Microprocessor Based Bargraphic Display Scaling Meter
[EC]	Pressure Level Transmitter		

Global Network



■ Asia

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