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PRODUCTS GUIDE

*The specialist of finding all your needs and solutions.
The best choice and perfect answer.*



Radar Level Transmitter



JFR Series

- Non-contact measurement.
- Can measure corrosive and toxic liquids, hydrocarbons, and mud.
- Unaffected by changes in specific gravity, pressure, temperature, viscosity, foam, and dust.
- 4-20mA / 4 wires / 2 wires.
- Fully isolated RS-485 (ModBus) communication with strong anti-interference ability for remote control.
- FAS software can be used to set the meter via PC.



Guided Wave Radar Level Transmitter



JTR Series

- 2-wire design with HART communication.
- No moving parts and no re-calibration minimize maintenance.
- Unaffected by medium density, conductivity, temperature, and pressure.
- Handles vapor, steam, foam, buildup, and turbulence well.
- Suitable for interface level measurement.
- Local display for easy on-site installation.



Ultrasonic Level Transmitter



EAX Series

- High precision, non-contact detection; measures liquids.
- Maximum liquid storage range: 12M.
- Can be used in acid or alkaline tanks/sewage treatment tanks.



Grain Temperature and Level Monitoring System



EST Series

- Real time monitoring of temperature, effectively preventing grain decay.
- Reinforced steel cable design to resist material impact and extend product life.
- Wide range of applications: cereal, corn, soybeans, wheat, flour, cement, mining etc.
- Customizable measuring position per client's request.



Paddle Wheel Flow Meter



EPR Series

- 128*64 LCM display , convenient operation.
- NPN and PNP pulse output.
- 4~20mA analog output.
- Wide range of voltage supply Integrated FRAM. (Ferroelectric random access memory)
- RS485 communication interface, Modbus communication protocol.
- Display module can be separated.



Wireless Module Monitoring System



JMW Series

- Each terminal has an independent wiring port.
- Open RS-485 communication protocol.
- Multiple FineLink devices can be added as needed.
- Can be combined with Lora/4G/NB-IOT wireless devices.

Flowmeter



EPD Series

- Low affect by environmental factors.
- Wide measurement range & high efficiency.
- Enhanced self-diagnostics functions.
- Each product calibrated by international certified laboratory.



Clamp-On Ultrasonic Flowmeter



EPU Series

- No intrusion in the pipeline during measurement of flow rate.
- LCM display shows instantaneous flow rate and cumulative amount.
- Standard 4-20mA, pulse wave output, RS485 Modbus communication.
- Suitable for all types of liquids that do not contain air or impurities.
- Two-way liquid flow measurement.
- Sensor & transmitter protection level: IP67.



By-pass Level Transmitter



EFX Series

- Materials available: stainless steel, PP, PVDF.
- Operation temperature up to 400°C; Operation pressure up to 100Bar.
- Plastic material is acid and alkali-resistant, including PP (80°C) and PVDF (temperature resistance 120°C); pressure resistance 5Kg/cm².
- Green indicator every 5cm for easy identification.
- Liquid level transmitter resolution output: 6.35mm, 4~20mA.



Magnetic Float Level Transmitter



FGX Series

- Suitable for use in strong acid-based and explosion-proof areas.
- Accuracy: 6.35mm, 12.7mm.
- Resistor output: 2-wire or 3-wire.
- Passed certifications from renowned international shipping association: ABS, BV, DNV-GL, LR.
- Passed explosion-proof certification: NEPSI, PTB ATEX.
- Usable with light bar for 100% control.



Magnetostrictive Level Transmitter



EGX Series

- Absolute position measurement.
- Fast measurement and response.
- High stability and reliability.
- Multiple output methods to choose from.
- Easy installation, regular adjustment and maintenance unneeded.
- High resolution and precision.
- Compact, strong adaptability, anti-dirt, dust-proof, high-pressure resistance.
- Shell protection IP67 (IEC60529).



Mini Float Level Switch



FCX/FDX Series

- Lightweight, easy to install & use, high performance and reliable.
- Floats of different materials available: stainless steel SUS304/316, plastic P.P. PVDF, Polysulphone.
- Operating temperature: 80°C~200°C(max.).
- Safety certification: UL(U.S.A), CE(Europe)



Side Mounting Float Switch



FFX Series

- Max. Operating temperature: 350°C
- Available float types: SUS float with diameter ϕ 41mm, ϕ 50mm and ϕ 75mm; PP plastic float with diameter ϕ 44*50mm.
- Specific gravity of float: S.G. 0.25,0.55, 0.65, 0.7.
- Passed certifications from renowned International shipping association: ABS, BV, DNV-GL, LR.



Magnetic Float Level Switch



FCX/FDX Series

- P.P., PVDF, SUS304, SUS306 flats of various sizes ϕ 28~ ϕ 50.
- Suitable for high-temperature and high-pressure environments with all types of strong acids.
- Passed certifications from renowned international shipping association: ABS, BV, DNV-GL, LR.
- Passed explosion-proof certification: NEPSI, PTB ATEX.



Flexible Magnetic Float Level Transmitter

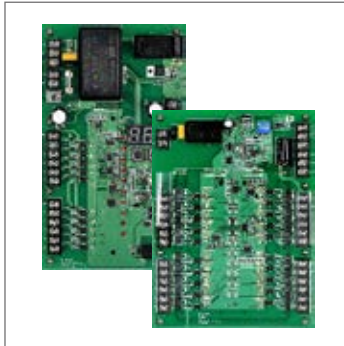


FGX Series

- The casing is designed to avoid damage during transportation, Installation, or when in use.
- Unaffected by changes in environmental temperature and pressure change.
- Choose a flexible type to facilitate transportation and installation.
- Easy installation; does not require regular adjustment & maintenance.
- Measurement range: up to 30m.



Programmable Sequential Controller (Continuous Expansion Type)



AEX6 Series

- Output points can be increased up to 620 points.
- Equipped with a remote control function, therefore making it easy to start & stop operation.
- Has a shutdown function for the cleaning cycle (the exhaust fan stops cleaning the tube) to avoid clogging caused by moisture in the dust.
- Can be connected to a 4~20mA input (differential pressure or dust pressure).
- When the set value is reached, the interval time will automatically be shortened to improve performance.

CE

Speed Monitor



EDX Series

- Maximum monitoring range: 0~150rpm/1~999rpm.
- Alarm monitoring functions: low speed, stop, reverse, power failure, and overload.
- Start-up delay monitoring function.
- Avoid instantaneous speed changes with an alarm delay function.
- Light signals are unaffected by environmental conditions.
- Lightweight, sturdy housing provides waterproof, anti-collision and anti-corrosion protection.

RoHS CE

Safety Cable Pull Switch



BRD Series

- Fast response, large flow rate, good reverse cleaning effect, less energy consumption.
- Sizes available: 3/4", 1, 1-1/2", 2", 2-1/2", 3". Material: Aluminum.

CE



Conveyor Belt Misalignment Switch



SRT Series

- Contact capacity: 15A/250Vac
- With adjustable lever arm operable in both directions.
- When the lever arm returns to its original position, an output alarm will signal at 20°, and an output alarm will signal at 35°.
- Automatically returns.
- Applicable in dust-proof and explosion-proof areas.

IEC RoHS CE

Accessories of Diaphragm Valve for Dust Collector



BDB Series

Connector:

- Convenient for users to install ash cleaning system on the dust collector.
- Welding not needed during installation, making disassembling easy during maintenance.

Remote Control Box/Solenoid Valve

- Fluid: Air
- Diaphragm material: NBR
- Operation temp.: -20~85°C

CE

Safety Cable Pull Switch



SRS Series

- Contact capacity: 15A/250Vac
- Can be positioned at any part of the conveyor belt.
- Manual reset switch.
- Pulling force : 5Kg
- The indicating plate turned upright being identified as the switch actuated.
- Applicable in dust-proof and explosion-proof places.

IEC RoHS CE



Pressure Level Transmitter



ECX Series

- With SUS316 diaphragm.
- Operating temperature: -10~80°C (Max.200°C).
- Pressure range: 0.1~400Bar single pressure.
- High linear accuracy: 0.3%FS;4~20mA output.
- Power supply: 13~36Vdc.
- ECP1 display type has two color display.
- Red display for alarm.
- ECP1 display type is designed with an anticorrosion structure, suitable for low-corrosive solutions.



Vibrating Probe Level Switch



SCX Series

- Power supply: 20~250Vac/Vdc, 50/60Hz.
- Output: SPDT Relay, SSR MOSFET.
- No calibration required. Ease of use, rugged design.
- High/Low failure safe modes. Safe and reliable operating.



RF-Capacitance / Admittance Level Switch



EBX Series

- Can be used in tanks of various sizes containing high-temperature or acid-based materials.
- Unaffected by changes in vapor, sound waves, pressure, and temperature.
- Operating power supply: 24Vdc. Output current:4~20mA.
- The electrode material cover is made of steel, PVDF, PP or FEP.
- Steel cable diameter: 9mm. Maximum strength: 5 tons.
- Operating temperature: up to 200°C.
- Input signal and lightning isolation output can prevent lightning damage.



Tuning Fork Level Switch



SCX Series

- Large power supply: 20~250Vac/Vdc, 50/60Hz.
- Output: SPDT Relay, SSR MOSFET.
- No calibration is required. Easy to use, durable.
- High/Low failure safety function. Safe and reliable.
- Can be adjusted according to materials of different densities, including fine particles.
- Passed explosion-proof certification: NEPSI, PTB ATEX.



Capacitance Level Switch



SAX Series

- Operating temperature up to 800°C.
- Function for delayed action with adjustment range 0~6 seconds.
- Power supply: 110V/220Vac or 24Vdc.
- Standard connection size 1"PT, special specifications customizable.
- No moving mechanical parts, therefore, no wear and tear.
- Uses a single-button calibration function for fast and convenient automatic adjustment.



RF-Capacitance Level Transmitter



SBX Series

- Can be used in materials that bond and attach easily.
- Has a delayed output function, with a range of 0~30 seconds.
- Has a failure prevention function, DPDT relay output contact.
- Temperature resistance up to 550°C.
- Passed NEPSI, PTB ATEX explosion-proof certification.



Rotary Paddle Level Switch



SEX Series

- Adjustable motor torque with a clutch device to protect the motor.
- Blades of various shapes and sizes to suit different tanks.
- Operating temperature: up to 200°C.
- Various power supplies available: 110/220/240Vac, 24Vac, 24Vdc.
- Unique sealing ring design to protect dust permeation.
- Passed explosion-proof certification: NEPSI, PTB ATEX.
- Suitable for chemical, food, mining, plastic, and ceramic industries.





Paddle Type Flow Switch



SF XSeries

- Wetted material: SUS304.
- Operating temp: 30~150°C.
- Contact rating: 60W/220Vdc SPDT.
- Applicable pipe diameter: 1"~3".
- Operating pressure: 355 psi.



Cable Float Level Switch



FAX/FBX Series

- Available float material: stainless steel, PP, PVC.
- Switches available: micro switch 3A/10A, reed switch, and mercury switch.
- Simple installation with adjustable switches.



Food-grade Impedance Spectroscopy Sensor



SIS Series

- Easy installation with standard connectors, with protection grade of IP67/IP68/IP69K.
- The overcurrent protection can detect overly high current output and switch off the output immediately.
- Usable in CIP and SIP clean environments.
- Unaffected by foam and viscous mediums.
- Suitable for liquid, viscous and powdery mediums in containers and pipelines.
- For single-point liquid level detection and protection of idling water pumps.



Optical Level Switch



SDX Series

- NPN, PNP open collector output to energize relay or PLC.
- Housing material: PC, PES suitable for acidic liquids, and alkaline; SUS304 suitable for oil, wastewater, alcohol etc.
- Over-current and reverse polarity protection.
- LED indicator status alarm.
- Application: liquid leakage detection, motor/pump protection.



Thermal Dispersion Flow Switch



SPX Series

- Stainless steel material with a pressure resistance of up to 100Bar.
- With a digital interface that can be quickly set by using the buttons.
- 10-digit LED display with multi-segment display for a more accurate record of flow rate.
- Fully airtight, unaffected by condensation, usable in both vertical and horizontal pipelines.
- Flow detection range (flow rate): water 1~150cm/s, oil 3~300cm/s.



Pressure Switch



SQX Series

- Usable in harsh environments.
- Customized housing (all steel types).
- Customized contact material (silver or gold alloy).
- Connection type: screw, socket, terminal, and external.
- High quality and cost-effective, with adjustable pressure range.





Electromechanical Level Measuring System



EEX Series

- With 2-points high/low alarm settings; output contact: 3A/250Vac SPDT.
- LED digital display.
- 4~20mA analog current signal output.
- Warning alarms when disconnected or when materials are buried.
- Choose manual or timed start-up.
- Communication interface: RS 485 (MODBUS).
- Detection accuracy: 10mm/pulse.
- Application: ore, clinker, coal, cement, grain, plastic powder, feed, granules, and any liquid.



Temperature Transmitter



TRX Series

- Input signal: mV, V, mA, thermocouple, RTD or Ohm.
- Accuracy: $\pm 0.5\%$.
- Loop power: 12~32 Vdc.
- Special software can be used to set equipment parameters.



Isolated safety barrier



TXX2 Series

- Wide input voltage range.
- With Integrated power supply safety barrier and digital communication safety barrier.
- With insulation to withstand voltage up to 2500V.
- Isolated digital communication RS485 and HART 250-ohm relay mode.
- Safe, explosion-proof IECEx/ATEX.



Air Hammer



BAH/BVP Series

- Highly strengthened aluminum body.
- Low frequency, continuous vibration.
- Frequency and amplitude can be adjusted as required.
- No power supply needed, can be used in explosion-proof areas.



Pneumatic Vibrator



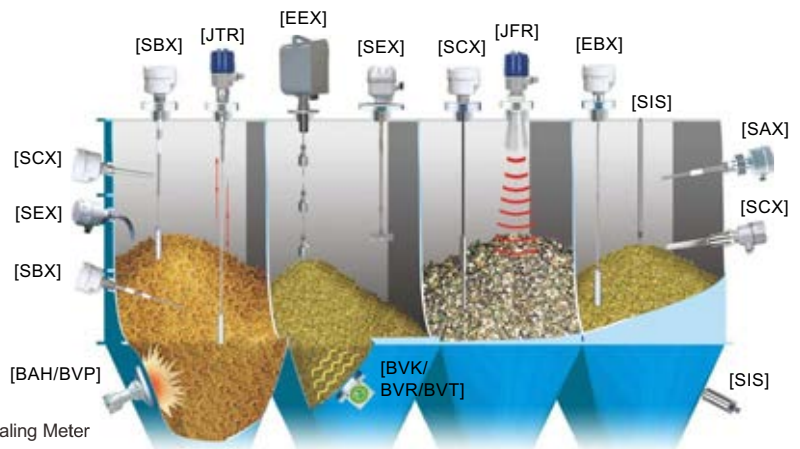
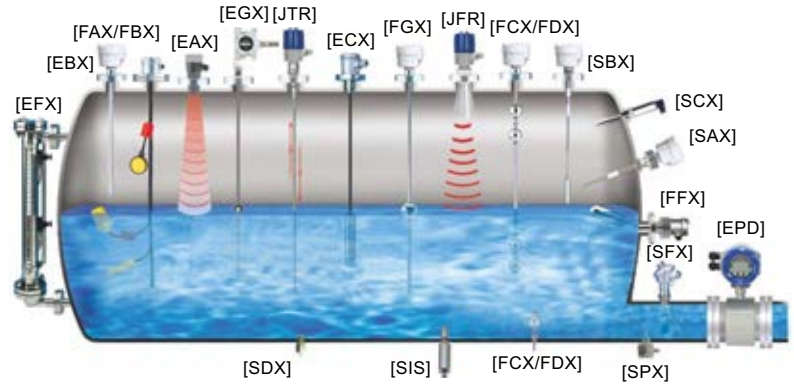
BVK/BVR/BVT Series

- Inexpensive, long lifespan.
- Best instrument for clearing blockage in small barrels or pipelines.
- Instant start or stop without causing inertia to the motor, avoiding damage to the equipment.
- No power supply required; can be used in explosion-proof areas.
- Small, easy installation, easy control.



DEVICES-INSTALL-ILLUSTRATION

- [FCX/FDX] Mini Float/Magnetic Float Level Switch
- [FGX] Magnetic Float Level Transmitter
- [FFX] Side Mounting Float Switch
- [FAX/FBX] Cable Float Level Switch
- [SPX] Thermal Dispersion Flow Switch
- [SFX] Paddle Flow Switch
- [SDX] Optical Level Switch
- [SEX] Rotary Paddle Level Switch
- [SAX] Capacitance Level Switch
- [ECX] Pressure Level Transmitter
- [SCX] Vibrating Probe Level Switch
- [SCX] Tuning Fork Level Switch
- [SIS] Sanitary Intelligent Level Switch
- [EBX] RF-Capacitance Level Transmitter
- [SBX] RF-Capacitance / Admittance Level Switch
- [EGX] Magnetostrictive Level Transmitter
- [EFX] By-Pass Level Transmitter
- [EAX] Ultrasonic Level Transmitter
- [EPD] Flowmeter
- [JFR] FMCW Radar Level Transmitter
- [JTR] Guided Wave Radar Level Transmitter
- [EEX] Electromechanical Level Measuring System
- [EDX] Speed Monitor
- [SRT/SRS] Conveyor Belt Misalignment Switch & Safety Cable Pull Switch
- [PBX/PMX] Microprocessor Based Bargraphic Display Scaling Meter
- [BRD/AEX] Valve and Controller for Dust Collector System
- [BAH/BVP] Air Hammer
- [BVK/BVR/BVT] Pneumatic Vibrator



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