

Radar Level Transmitter

JFR4 Series

- Non-contact measurement, no wear and tear, and no pollution.
- Short wavelength, reflects well on inclined surfaces.
- Unaffected by temperature and pressure changes.
- The real level echo can also be accurately read in a dusty environment.
- The 80GHz frequency is the best choice for measuring solid and low dielectric constant media
- Measurement of material working conditions with electrical constant ≥ 1.8 .

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

- Non-contact measurement. Easy installation.
- Maximum measurement range 8m
- Casing protection IP67.
- Probe material PVDF.
- False echo detection.
- Fully isolated analog output.
- With temperature compensation feature, which

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.

Vortex Flowmeter

EPV Series

- Simple structure, no mechanical parts, durable industrial design, high reliability.
- Measures the volumetric flow rate three states: liquid, gas, and steam.
- Minimal pressure loss, wide measurement range, high accuracy.

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.

DEVICES-INSTALL-ILLUSTRATION

[FDM] Mini Float Level Switch
[FCX/FDX] Magnetic Float Level Switch
[FGX] Magnetic Float Level Transmitter
[FFX] Side Mounting Float Switch
[FAB] Cable Float Level Switch
[SPX] Thermal Dispersion Flow Switch
[SFX] Paddle Flow Switch
[SDX] Optical Level Switch
[SIS] Food-grade Impedance Spectroscopy Sensor
[SEX] Rotary Paddle Level Switch
[SAX] Capacitance Level Switch
[ECX] Pressure Level Transmitter
[SCX] Vibrating Probe Level Switch
[SCX2] Tuning Fork 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
[EDX] Speed Monitor
[SRT/SRS] Conveyor Belt Misalignment Switch & Safety Cable Pull Switch
[PBX/PMX] Microprocessor Based Bargraphic Display Scaling Meter
[BRC/AEX] Valve and Controller for Dust Collector System
[BAH/BVP] Air Hammer
[BVK/BVR/BVT] Pneumatic Vibrator

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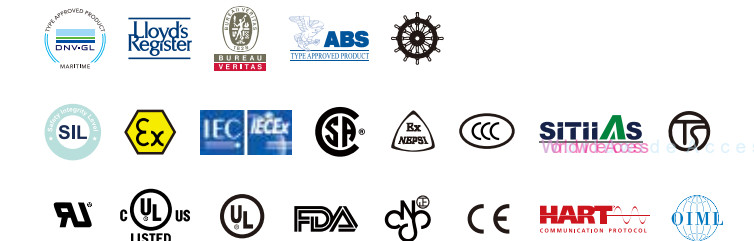
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PRODUCTS GUIDE

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By-pass Level Transmitter

EFX Series

- Materials available: stainless steel, PP, PVDF.
- Operation temperature up to 350°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.

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

FDM Series

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

Magnetic Float Level Switch

FCX/FDX Series

- P.P., PVDF, SUS304, SUS306 flats of various sizes φ28~φ50.
- 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.

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.

Side Mounting Float Switch

FFX Series

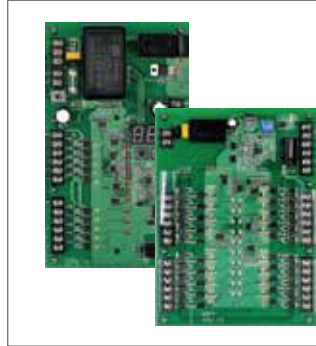
- Max. Operating temperature: 350°C
- Available float types: SUS float with diameter φ41mm, φ50mm and φ75mm; PP plastic float with diameter φ44*50mm.
- Specific gravity of float: S.G. 0.25,0.55, 0.65, 0.7.
- Passed certifications from renowned International shipping association: ABS, BV, DNV-GL, LR.

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.



Diaphragm Valve



BRC Series

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



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.



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, durable design.
- High/Low failure safe modes. Safe and reliable operating.
- SCX6 density can reach as low as 0.04g/cm³
- SCX6 operating temp.: -40~150°C



Paddle Type Flow Switch



SFX Series

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



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.



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



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 : 5kgf
- The indicating plate turned upright being identified as the switch actuated.
- Applicable in dust-proof and explosion-proof places.



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.



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.
- Operating temperature: up to 200°C.
- Various power supplies available: 110/220/240Vac, 24Vdc, 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.



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, 24Vdc, 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.



Tuning Fork Level Switch

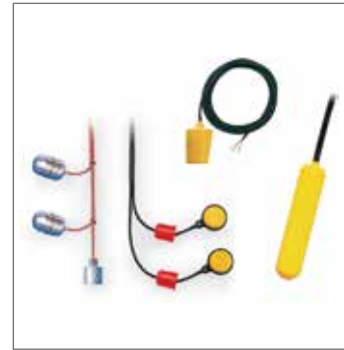


SCX2 Series

- 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.



Cable Float Level Switch



FAB Series

- Available float material: stainless steel, PP, PVC.
- Switches available: micro switch 3A/10A, reed switch 50W/300Vac.
- Simple installation with adjustable switches.



Liquid Leakage Sensor



SDL1 Series

- The optical type can measure a variety of liquids and is unaffected by
- Easier to maintain compared to resistive detection tape or paper-absorbing type.
- PFA material, suitable for acid, alkali, liquid medicine, pure water, and other liquids.
- Complete output type selection, NPN or PNP type.
- Comply with IP67.
- Comply with lead-free standards and CE certified.

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.



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 cleaning 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.

