

Radar Level Transmitter



JFR Series

- Non contact measurement
- With LCD display, user friendly calibration
- Available for high pressure, high temp. high viscosity fluid, dusty environment
- Intrinsic safety and explosion proof
- Measuring range 0.5m-40m
- Wireless supported



Guided Wave Radar Level Transmitter



JTR Series

- 2-wire design with HART communication
- No moving parts and no re-calibration minimizes maintenance.
- Not influenced by medium density, conductivity, temperature, and pressure
- Handles vapor, steam, foam, buildup and turbulence well.
- Suitable for interface level measurement
- Suitable for small tanks, difficult tank geometry, and interfering obstacles
- Local Display for easy on-site installation



Ultrasonic Level Transmitter



EAX Series

- Non-contact operation ensures readings will not be affected by material character (such as pressure, viscosity, density)
- Liquid measuring range max. 50m, Short range 5m available
- Solid measuring range max. 35m, Short range 5m available
- Level, distance, flow volume display function selectable



Grain Temperature and Level Monitoring System



EST Series

- Real time monitoring of temperature. Prevent grain decay or burning
- Strong steel rope design for extra local and long lifespan
- For those silo application per grain, corn, bean, wheat, flour, cement, mining
- Customize 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

- End Device: Wireless communication support for transmitter/switch.
- Router: Collect/transmit point-point communication data of each terminal among system structure. Increase transmission distance to enhance communication capability of monitoring system.
- Coordinator: Enable central control system & MMS to control each wireless device. Retrieve measurement data of each sensor to achieve unlimited measuring purpose.
- HubLink: Expand sensor connection by wire/wireless. Max. 4 sets of 4-20mA or RS-485 communication protocol or optional 4 sets of 1W or I/O.

Flowmeter



EPD Series

- Electromagnetic / Coriolis mass / Vortex flowmeters applicable for various fluid detection.
- High accuracy & cost effective.
- Easy installation & min. maintenance.
- Well-established flow rate lab to strengthen quality control.



Material Management System

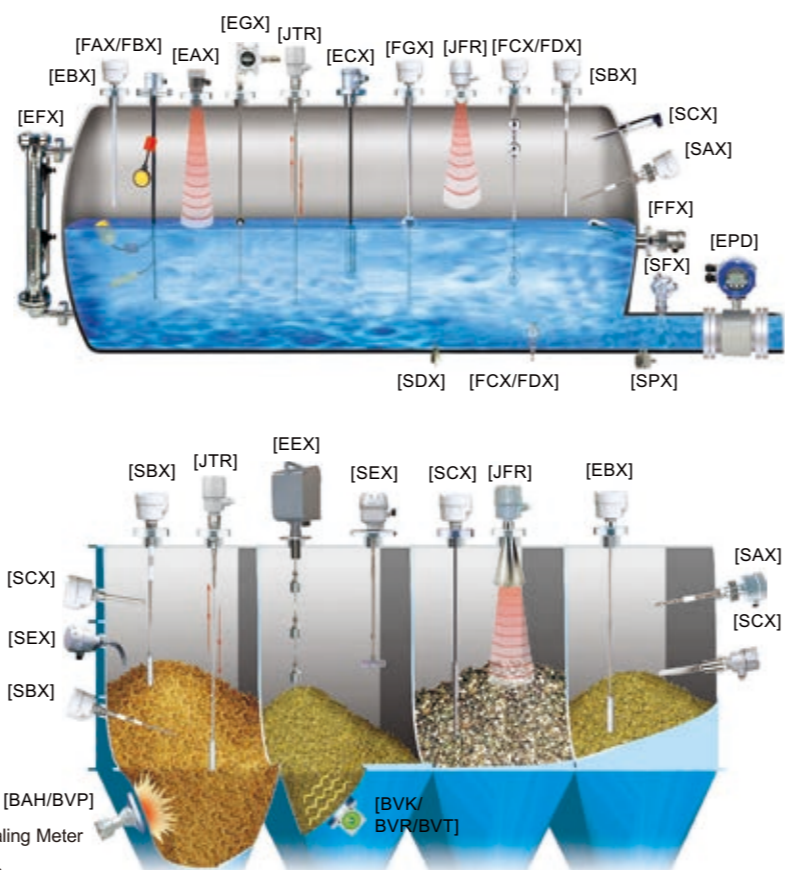


MMS Series

- MMS accumulates tanks data from level instruments that are equipped with RS-485 interface and then data are transmitted to the main computer. Data being transmitted includes Measuring distance, Analogue output setting, Distance / Level, Tank height setting, Zero point setting, High alarm setting, Low alarm setting, Error alarm (plumb buried, cable break), Communication mode setting, Communication ID setting, Baud rate setting, Communication format setting, etc.

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
- [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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By-pass Level Transmitter



EFX Series

- Material SUS316, PVDF, PP, Titanium
- Heating jacket installation available
- High temp. up to 400°C
- High pressure up to 130 bar



Magnetostrictive Level Transmitter



EGX Series

- Absolute position measurement
- Excellent resolution and repeatability
- Voltage, current and RS485 outputs
- Field adjustable zero and span settings (analog only)
- Fast response time, High reliable performance of 0.01% F.S. resolution, with 0.1% F.S. Linearity
- Enclosure IP-67 rating
- Application: LPG liquid medium, pharmaceutical / beverage chemical process



Mini Float Level Switch



FCX/FDX Series

- Compact simple design with high reliability, and low price
- Different mounting options
- Different connection types
- Application: water fountain, machinery, electrical, chemical, marine, test instrument, food machinery, washer, air condition, hydraulic machine



Magnetic Float Level Switch



FCX/FDX Series

- Custom-made multi-point control, easy installation, reliable performance
- Housing available with explosion proof and anti-corrosive
- Max. operating temperature: 200°C for stainless steel
- Application: liquid processing, heat exchanger, hydraulic, power plant, oil, shipbuilding petrochemical Industries



Magnetic Float Level Transmitter



FGX Series

- Output available with loop power and 3 wire resistance
- Resolution: ± 6.35 mm, ± 12.7 mm
- Housing available with explosion proof and anti-corrosive
- Measuring range: max. 6m.



Side Mounting Float Switch



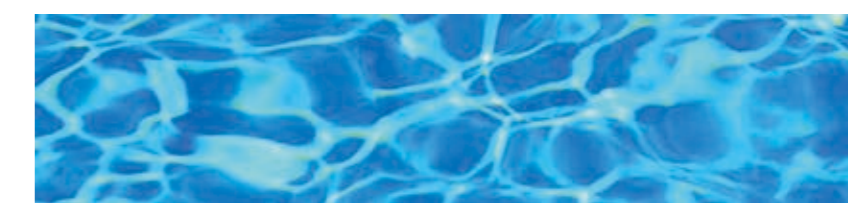
FFX Series

- Max. Operating temperature: 350°C
- Wetted parts available with stainless steel and plastic.
- Housing available with explosion proof and anti-corrosive.
- Approvals: ABS, GL, CE



PRODUCTS GUIDE


The specialist of finding all your needs and solutions.
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Controller for Dust Collector System

AEX Series

- Jet pulse timing of sequential controller: 0-0.2 seconds
- Jet pulse interval: 2-180 seconds
- No switch contact in the circuit, operating life is half- eternity
- Power supply: 110/220Vac, 24Vdc
- Control points: 10, 20, 40 points




CE

Speed Monitor

EDX Series

- Maximum monitoring range 1-999rpm.
- 7-seg LED display 0-999
- Alarm monitoring: low speed, stop, reverse, blackout and overload
- Start up delay function allow motor to run up gradually
- Alarm delay function to avoid false alarm, which may be caused by temporary slow down or load change



CE



RF-Capacitance / Admittance Level Switch

SBX Series

- Suitable for sticky, viscosity application
- Max. operating temperature: 550°C
- Time delay & ground level test function available




CE Ex

Cable Float Level Switch

FAX/FBX Series

- Float material available with plastic and stainless steel
- Micro switch,reed switch and mercury switch available
- Simple installation and durable




CE UL

Paddle Type Flow Switch

SF XSeries

- Operating temp: 30-150°C
- Contact rating: 60W/220Vdc SPDT
- Operating pressure: 355 psi




CE



Safety Cable Pull Switch

SRS Series

- Contact rating: 10A/250Vac
- For emergency or normal shut-off
- Pull force: 5Kg



IEC CE

Pressure Level Transmitter

ECX Series

- Designed for complete submersibility
- Unique cable seal system ensures water tight integrity
- Pressure range: 0.1-400 bar
- Accuracy: 0.3%FS, 0.5%FS
- Output: 4-20mA or 0-10Vdc
- Zero & Span adjustment




CE

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




CE Ex

Food-grade Impedance Spectroscopy Sensor

SIS Series

- Its standard connector is easy-to-install, with a protection grade of IP67/IP68/IP69K.
- The overcurrent protection can detect the overly high current of the circuit and switch off the output immediately.
- It is applicable to CIP and SIP cleaning environment
- It is free from the impact of foam and viscous media.
- It is applicable to the fluid, viscous media and power media in the container and pipeline.




FDA



Electromechanical Level Measuring System

EEX Series

- Microprocessor based controller
- Standard measuring range of 45m, with maximum of 70m available
- Different types of sensing weights to choose from
- Alarm output for sensing probe buried and probe wire broken condition
- Application: ore, clinker, coal, cement, grain, plastic powder, feedstuffs, granule, and any liquid




CE

Temperature Transmitter

TRX Series

- Input signal: mV, V, mA, thermocouple, RTD or Ohm
- Accuracy: ±0.3% F.S. or ±1 digit
- Loop power: 12-32 Vdc
- HART communication protocol




UL CE

Diaphragm Valve

BRD/BDV Series

- Fast response, large flow volume, good reverse cleaning affect, less air consumption
- Available with 3/4", 1-1/2", 2", 2-1/2", 3" Material: Aluminum, Stainless steel



CE

Conveyor Belt Misalignment Switch

SRT Series

- Contact rating: 10A/250Vac
- For protection of belt conveyors and personnel



IEC CE

RF-Capacitance Level Transmitter

EBX Series

- Power supply: 18-30Vdc
- Output current: 4-20mA
- Accuracy: ±1%F.S.
- Max. Tensile strength of wire (φ9mm) can up to 3.5 tons and 50M in length
- Measuring range: 20-2000pF
- High temp. up to 200°C
- Unaffected by pressure, sound wave temperature



CE Ex

Tuning Fork 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



UL CE Ex



Optical Level Switch

SDX Series

- NPN, PNP open collector output to energize relay or PLC
- Outer material of PC, Polysulfone, SUS304/316 for acidity and alkaline; applicable in grease, waste water, liquid solution, liquor, alcohol...etc
- Over-current and reverse polarity protection
- LED status indication
- Application: liquid leakage detection, motor/pump protection




UL CE



Isolated safety barrier

TXX Series

- 1 current input port to connect with continuous current or current output products. Applicable for use in hazardous zone.
- Self-test function for system function monitoring.
- Setting relay output as alarm for optional external sensing unit connection.
- Optional RS-485 interface enables easy system configuration & supply current data retrieve.



CE

Accessories of Diaphragm Valve for Dust Collector

BDB Series


Connector:

- Convenient for users to install ash cleaning system on the dust collector
- Free from welding process during installation, and allows easy removal for maintenance purposes

Remote Solenoid Enclosure

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

Remote Solenoid Pilot:



CE



Capacitance Level Switch

SAX Series

- Ground level test function available
- Max. operating temperature: 800°C
- Sensitivity and time delay adjustable



CE

Rotary Paddle Level Switch

SEX Series

- Torsion adjustable for light material
- Clutch assembly to protect the motor
- Good shaft seal designed
- Temperature up to 200°C
- Various power supply selectable
- Unique sealing ring design to protect dust permeation
- Application: suitable for chemical, food, mining, plastic, ceramic industries



CE Ex

Thermal Dispersion Flow Switch

SPX Series

- Open collector alarm output
- Measuring range: (Speed) water: 1-150 cm/s, oil: 3-300 cm/s
- Material: SUS304, 316, PVDF, PP
- No moving parts to cause wear and tear
- Application: water power plant, HVAC system, steel marking, petrochemical, food process, pharmaceutical, semiconductor, cooling pipe




CE

Pressure Switch

SQX Series

- Robust in any severe application
- Customized body housing (Steel, Sus316, Brass)
- Selectable contact (Gold contact or silver contact)
- Screw / push-on terminal contact selectable
- High quality and cost effective
- Adjustable pressure range setting




UL CE

Air Hammer

BAH/BVP Series

- Highly strengthened aluminum body
- Low frequency/continuous impact model, sudden activation/ deactivation is allowed
- Frequency and amplitude of impact can be adjusted as required
- Direct impact onto target object to produce the optimum vibration feedback



CE

Pneumatic Vibrator

BVK/BVR/BVT Series

- Special aluminum alloy, small size, light weight
- Fine enclosure protection can be applied in high humidity dust working area
- Frequency and amplitude of vibration can be adjusted as required
- Low price and durable

