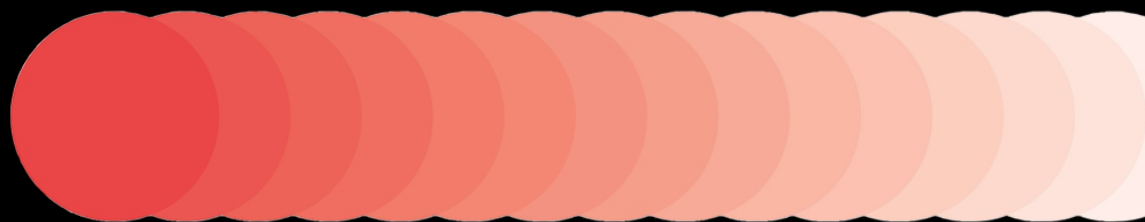


Thermo flow

AUTOMAÇÃO



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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.

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



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.



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



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



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



Flexible Magnetic Float Level Transmitter



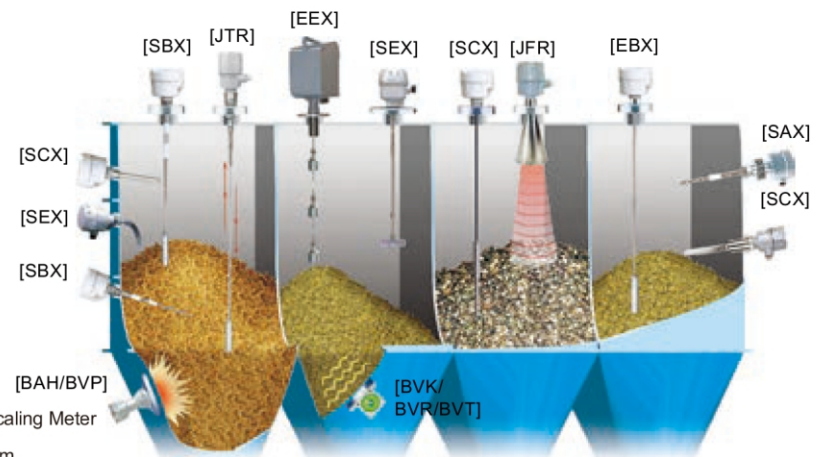
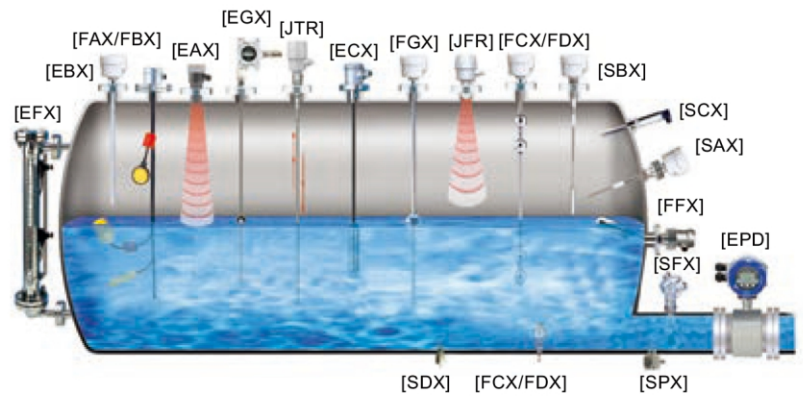
FGX Series

- High performance and reliable electric circuit modular design
- Explosion-proof housing
- It is not affected by environmental temperature, a change of pressure
- Flexible type is applicable for applications with longer probe lengths
- Display type is available for local indicator and quick setup Easy installation, and need require recalibration
- Choose dual-float as two different specific gravity level detection.



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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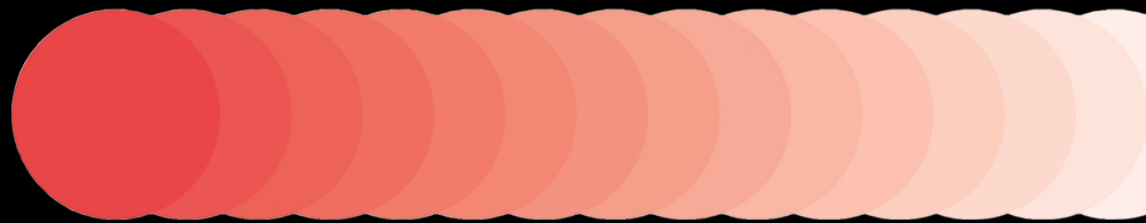
**Thermo
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PRODUCTS GUIDE

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



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