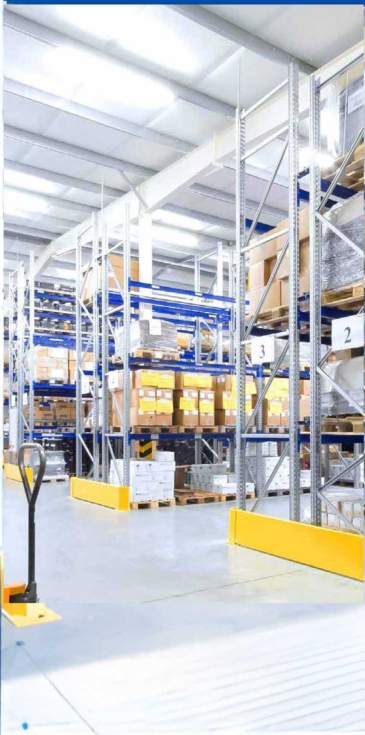




Warehouses



**Sensor
Transmitters**

HVAC



**Data
Acquisition**

Greenhouses



**Custom
Products**

Data Center



**IOT
Software**

Excellence in Process automation

MX Series Sensor Transmitters

Temperature Humidity Transmitters (Wall mount)



- Power Supply: 10~30Vdc for RS-485; 24Vdc for 4-20mA model
- Temperature Range: -20 to 80°C
- Humidity Range: 0-100 % RH
- Precision: $\pm 0.5^{\circ}\text{C}$ (25°C), $\pm 3\% \text{RH}$ (60%RH, 25°C)
- Resolution: 0.1°C, 0.1% RH
- Operating Temperature: -20°C~+60°C, 0% ~ 95%RH (non-condensing)
- Output Signal: Two models RS485(Modbus) and 4-20mA out
- Dimensions: 130 x 140 x 50 mm
- Options: With/without Display; Built-in sensor or External Probe(1m)

Temperature Humidity Transmitters (Probe type)



- Power Supply: 10~30Vdc
- Temperature Range: -20 to 80°C
- Humidity Range: 0-100 % RH
- Precision: $\pm 0.5^{\circ}\text{C}$ (25°C), $\pm 3\% \text{RH}$ (60%RH, 25°C)
- Resolution: 0.1°C, 0.1% RH
- Operating Temperature: -20°C~+60°C, 0% ~ 95%RH (non-condensing)
- Output Signal: RS485(Modbus)
- Dimensions: Probe 16mm OD x 180 mm length and 1 meter cable
- Options: Cable length up to 5 meters

CO2 Transmitters



- Power Supply: 10~30Vdc for RS-485; 24Vdc for 4-20mA model
- Measurement Range: 0-2000 ppm
- Accuracy: $\pm (50\text{ppm} + 3\% \text{FS})$ at 25°C (400-5000ppm)
- Resolution: 1ppm
- Response time: < 180 sec (diffusion); Warm-up 2 min
- Operating Temperature: 0°C~+50°C, 0% ~ 95%RH (non-condensing)
- Output Signal: RS485(Modbus), 4-20mA
- Dimensions: 130 x 70 x 50 mm
- Options: 2000/ 10000ppm range

LUX Transmitters



- Power Supply: 10~30Vdc for RS-485; 24Vdc for 4-20mA model
- Measurement Range: 0-200k lux
- Accuracy : $\pm 7\%$ Full scale at 25 °C
- Reaction time: 1 Sec
- Resolution: 1 digit
- Operating Temperature: 0°C~+60°C, 0% ~ 95%RH (non-condensing)
- Output Signal: RS485(Modbus), 4-20mA
- Dimensions: 130 x 70 x 75 mm

ML Series Dataloggers

Bluetooth Temp /RH Dataloggers (in-built sensor)



- Power : Battery 3.6V Lithium Half AA; Typical Battery life 12 Months
- Temperature Range: -20 to 60°C; Precision: $\pm 0.5^{\circ}\text{C}$ (25°C)
- Humidity Range: 0-100 % RH; Precision: $\pm 3\% \text{RH}$ (60%RH, 25°C)
- Resolution: 0.1°C, 0.1% RH
- Record Interval : 1sec to 24Hrs; Programmable Log start
- Memory : 30K for Temperature and 30K for Humidity
- Operating Temperature: -20°C~+60°C, 0% ~ 95%RH (non-condensing)
- Dimensions: 58(L) x 101(B) x 28(H) mm
- Download and setting: Android Smartphone BLE APP or Win10 PC App

Bluetooth Dataloggers with RTD / Thermocouple / Thermistor / 4-20mA /0-1V



- Power : Battery 3.6V Lithium Half AA; Typical Battery life 2 Months
- Sensor types: RTD/TC-K,T/Thermistor/4-20mA/0-1V; Predefined
- Temperature Range: -200 to 800°C; Precision: depend on sensor type
- Resolution: 0.5°C
- Record Interval : 1sec to 24Hrs; Programmable Log start
- Memory : 40K for 1Ch / 20K for 4Ch
- Operating Temperature: -20°C~+60°C, 0% ~ 95%RH (non-condensing)
- Dimensions: 58(L) x 101(B) x 28(H) mm
- Download and setting: Android Smartphone BLE APP or Win10 PC App

Wifi Temp /RH Dataloggers (in-built sensor)



- Power : External adapter 5VDC; 3.6V Lithium Half AA for datalogging
- Temperature Range: -20 to 60°C; Precision: $\pm 0.5^{\circ}\text{C}$ (25°C)
- Humidity Range: 0-100 % RH; Precision: $\pm 3\% \text{RH}$ (60%RH, 25°C)
- Resolution: 0.1°C, 0.1% RH
- Record Interval : 1sec to 24Hrs
- Memory : 20K for Temperature and 20K for Humidity
- Operating Temperature: -20°C~+60°C, 0% ~ 95%RH (non-condensing)
- Dimensions: 145 x 90 x 55 mm
- Download and setting: Software installed on cloud / local server

Wifi Datalogger with RTD / Thermocouple / Thermistor / 4-20mA /0-1V



- Power : External adapter 5VDC; 3.6V Lithium Half AA for datalogging
- Sensor types: RTD/TC-K,T/Thermistor/4-20mA/0-1V; Predefined
- Temperature Range: -200 to 800°C; Precision: depend on sensor type
- Resolution: 0.5°C
- Record Interval : 1sec to 24Hrs; Programmable Log start
- Memory : 40K for 1Ch / 20K per channel
- Operating Temperature: -20°C~+60°C, 0% ~ 95%RH (non-condensing)
- Dimensions: 145 x 90 x 55 mm
- Download and setting: Software installed on cloud / local server

Automation Process Controllers



Control Panels



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