

ATLANTIS®

RE-ATLANTIS ENTERPRISE CO., LTD

DIGITAL TEMPERATURE GAUGE, DIGITAL PRESSURE GAUGE WITH SWITCH CONTACT CATALOG



ATLANTIS®

RE-ATLANTIS ENTERPRISE CO.,LTD.
1F, No.109,Sec.2, Zhiyuan 1st Rd.,
Beitou District, Taipei City
TEL : +886-2-2820-3405
FAX : +886-2-2820-3406
<https://www.re-atlantis.com/>

Due to the variety of customization, the product pictures are only for your reference. The pressure gauges in diaphragm seals catalog are sample product, please confirm the actual item appearances with our sales. (If there is any change on specification, please take the latest version as standard.)

Ver.3.0



DTG-K Series

Digital Thermometer

Application: It is made of SS304, which is suitable for corrosive environments and can replace traditional pointer thermometers.

Model: DTG-K Series

Installation type: Back mount / Bottom mount / Adjustable angle

Size: 3", 4"

Temperature range: : -50°C to 200°C

Screen display: 4-digit LCD

Resolution: 0.1

Accuracy: $\pm 1^{\circ}\text{C}$ (-20 to 80°C) /

$\pm 2^{\circ}\text{C}$ (-50 to -20°C, 80°C to 200°C)



AT-E

Remote Reading Thermometer (For freezer)

Application: Fixed flange design, specifically for freezer temperature detection.

Model: AT-E

Size: 2.5"

Temperature: : -50°C to 150°C

Applicable fluid: Non-corrosive liquid and gas

Screen display: 3-1/2 digit LCD

Resolution: 0.1

Accuracy: 1.0%

Power supply: Solar energy / 1.5V Battery



DTG-D series

Digital Thermometer

Application: It is made of SS304, which is suitable for corrosive environments and can replace traditional pointer thermometers.

Model: DTG-D series

Size: 3", 4"

Temperature: -50°C to 150°C

Applicable fluid: Liquid and gas that compatible with SS304

Screen display: 3-digit LCD display

Resolution: 0.1

Accuracy: 1°C (-20 to 80°C) /

2°C (-50 to -20°C, 80 to 150°C)

Power supply: 1.5V mercury battery x2



DTG-FT

Remote Reading Digital Thermometer

Application: It is made of all stainless steel, and the measuring rod, capillary length, connection specification and material can all be customized.

Model: DTG-FT

Size: 4"

Temperature: -50°C to 125°C

Applicable fluid: Liquid and gas that compatible with SS304

Screen display: 3-digit LCD

Resolution: 0.01

Accuracy: 1°C (-20 to 80°C) / 2°C (Other)

Power supply: 3V Battery (Button type)



AT8380

Infrared Thermometer

Application: Rugged and easy to use it is especially suitable for hot or dangerous objects in remote distance.

Model: AT8380

Dimension: 160mm x 38 mm

Temperature: -50°C to 850°C

Infrared set: 1 set

Screen display: 4-digit LCD

Resolution: 0.1

Accuracy: 2.0% or 2°C

Power supply: 9V battery



AT8880

Industrial Infrared Thermometer

Application: Suitable for high temperature, hazardous objects surface temperature measurement which are hard to close.

Model: AT8880

Dimension: 160mm x 38 mm

Temperature: -50°C to 1100°C

Infrared set: 2 set

Screen display: 4-digit LCD

Resolution: 0.1

Accuracy: 2.0% or 2°C

Power supply: 9V battery



TDL-R/D-6C

Portable 6-channel Temperature Data Logger with Touch Screen

Application: Graphs of any two channels can be drawn, high and low alarms can be set, and maximum, minimum and average temperature values can be displayed.

Model: TDL-R/D-6C

Dimension: 136 (W) x 71 (H) x 32 (D) mm

Temperature: -200°C to 1200°C

Signal processing: Avg., min., max., std. deviation, 2-channel temp. difference

Screen display: 2.83"(72mm) 320 x 240 pixels with backlight

Alarm configuration: 12 alarms

Power supply: 2 x 1.5V NiMH rechargeable AA batteries / 2 x 1.5V alkaline AA batteries / 5VDC 250mA adapter



ATFC-305A

Handheld Thermocouple Thermometer

Application: Can connect with a Type K thermocouple, with its wide temperature range measurement, can apply to various industrial environments.

Model: ATFC-305A

Dimension: 148 (L) x 71 (W) x 36 (H)mm

Temperature: -50°C to 1300°C

Screen display: 3.5-digit LCD screen display

Refresh rate: 2.5 times/sec

Reading Resolution: 1°C/°F, 0.1°C/°F

Accuracy: 0.5% / 0.3%

Power supply: 9V battery



DTS-4ED(0.5)

Digital Temperature Switch

Application: Switch is equipped with two sets of switch output and LED screen display, which integrates temperature measurement, display, and control, petroleum, chemical, mechanical and other industrial environments.

Model: DTS-4ED(0.5)

Temperature: -55°C to 850°C

Screen display: 4-digit 0.36" LED display

Alarm output: PNPx2 / NPNx2

Accuracy: 0.5% F.S. (Control accuracy)

0.1% F.S. (Display accuracy)

Power supply: 24VDC



DTS-ST5

Digital Temperature Switch

Application: Is suitable for industrial fluid temperature measurement, control and monitor such as cleaning liquid, coolant, hydraulic oil and lubricants.

Model: DTS-ST5

Temperature: -50°C to 260°C

Screen display: 5-digit OLED high brightness display

Alarm output: 2-way PNP

Accuracy: 0.5°C

Power supply: 12-30VDC

Protection level: IP65



THT-S81

Indoor Humidity and Temperature Transmitter

Application: Adopt LCD screen display with capacitive buttons and temperature scale.

Model: THT-S81

Body dimension: 81.4 x 81.4 x 20.6mm

Temperature range: -20°C to 80°C

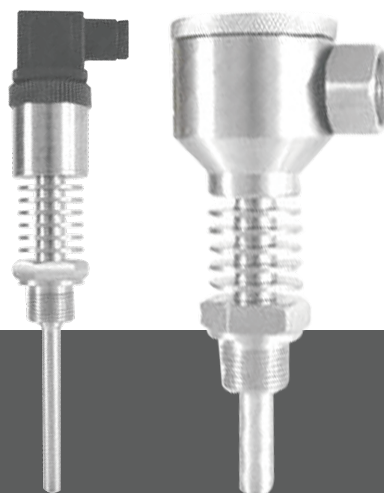
Screen display (Option): 1-line / 2-line / 3-line LCD screen display without backlight

Analog signal output: 4-20mA (2-wire / 3-wire) 0...1V / 5V / 10V (3-wire)

Power supply: 11...35VDC (2-wire)

15...35VDC / 12...29VAC (3-wire)

Temperature accuracy: 0.4°C



ATTX-200

Explosion-Proof Temperature Transmitter

Application: The integrated structure, all-welded design and explosion-proof enclosure ensuring safe operation and temperature measurement in hazardous environment.

Model: ATTX-200

Electrical connector: Hirschmann connector (H) Explosion-proof connector (E)

Temperature range: -50°C to 250°C

Output signal: 4~20mA

Measuring elements: Pt100

Power supply: 24VDC (Standard) / 16-36VDC is available

Accuracy: 0.5% / 0.3%

Protection level: IP65

Explosion-proof level: Intrinsically safe Exia II CT6



ATT-P4/D4 series

Temperature Transmitter for Duct Type
(2-wire analog output / digital output)

Application: Which can monitor temperature signal transmission, it is widely used in food, medicine, petroleum, chemical industry, metallurgy, electric power, machinery, etc.

Model: ATT-P4/D4 series

Type: ATT-P4 — 2-wire analog output
ATT-D4 — digital output

Temperature: -50°C to 200°C

Output signal: ATT-P4 — 2-wire 4~20mA output

ATT-D4 — Digital output

Accuracy: 0.5%

Power supply: 10~30VDC

Protection level: IP65



THT-806

Industrial Humidity and
Temperature Transmitter

Application: Is suitable for monitor high-end HVAC process, air, conditioning and environment air ventilation control.

Model: THT-806

Body dimension: 80 x 80mm

Temperature: -40°C to 200°C

Screen display: LCD display with backlight

Temperature accuracy: 0.15°C

Power supply: 8...35VDC / 12...30VAC

Protection level: Body IP65 / Probe IP20



ITT-L200(F)

Integrated Digital Temperature Transmitter
(Flange Connected Type)

Application: Adopts PT100 temperature sensor, it is suitable for various industrial temperature measurement and transmission requirements.

Model: ITT-L200(F)

Temperature range: -50°C to 400°C

Screen display: 5-digit LCD display with backlight

Output signal: 4-20mA

Power supply: 10...30VDC

Accuracy: 0.5% / 0.2%

Protection level: IP67



ITT-L200 (T)

Integrated Digital Temperature Transmitter
(Thread Connected Type)

Application: Adopts PT100 temperature sensor, LCD display is optional, it is suitable for various industrial temperature measurement and transmission requirements.

Model: ITT-L200 (T)

Temperature range: -50°C to 400°C

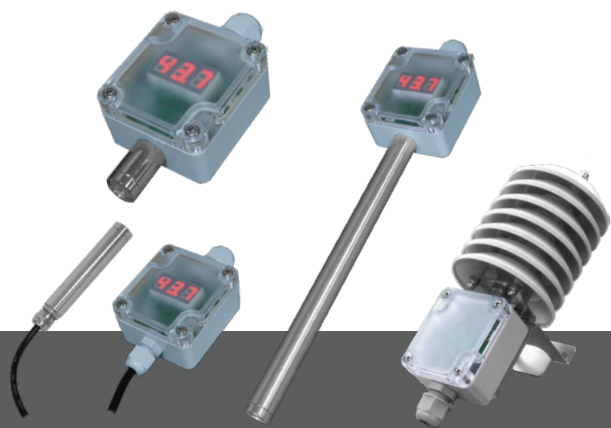
Screen display: 5-digit LCD display with backlight

Signal output: 4-20mA / RS485

Power supply: 10...30VDC

Accuracy: 0.5%

Protection level: IP67



THT-S-D-ECO Series

Economic Humidity and Temperature Transmitter (LED Display Type)

Application: Has 4 installation types for selection, it can field display the measured value without any visual error.

Model: THT-S-D-ECO Series

Installation type: Wall mount, Duct, Remote and Outdoor

Body dimension: 58 x 64mm

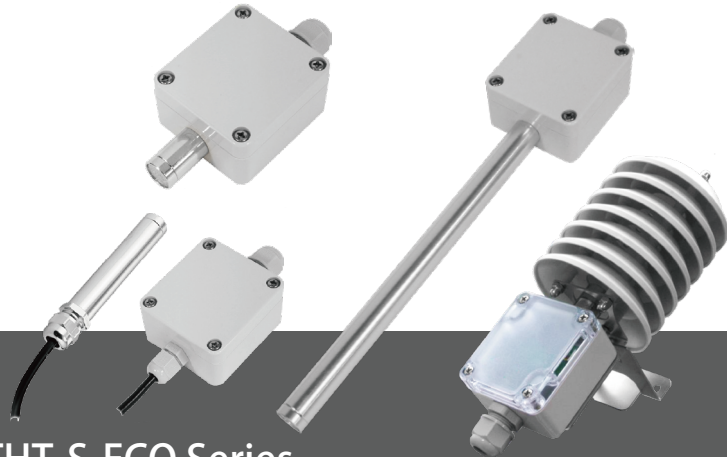
Temperature: -40°C to 120°C

Screen display: 3-digit 0.4" 7segment LED

Temperature accuracy: 0.7°C / 0.3°C / 0.9°C

Power supply: 15...35VDC / 12...29VAC

Protection level: IP65



THT-S-ECO Series

Economic Humidity and Temperature Transmitter

Application: Has 4 installation types for selection to adapt various environments.

Model: THT-S-ECO Series

Installation type: wall mount, duct, remote and outdoor

Body dimension: 58 x 64mm

Temperature: -40°C to 120°C

Output: 4-20mA (2-wire) / 0~1V / 5V / 10V (3-wire) / RS485 (Digital)

Temperature accuracy: 0.7°C / 0.3°C / 0.9°C

Power supply: 15...35VDC / 12...29VAC

Protection level: IP65



THT-S-D Series

Multifunctional temperature and Humidity Transmitter with Display

Application: Has 3 installation types for selection to adapt various environment.

Model: THT-S-D Series

Installation type: Wall mount, Duct, Remote reading

Body dimension: 115 x 65mm

Temperature: -40°C to 120°C

Screen display: 1-line / 2-line / 3-line adjustable LCD screen display

Temperature accuracy: 0.7°C / 0.3°C / 0.9°C

Power supply: 11...35VDC / 20...35VAC

Protection level: IP65



THT-S Series

Multifunctional temperature and Humidity Transmitter

Application: Has 3 installation types for selection to adapt various environment.

Model: THT-S Series

Installation type: Wall mount, Duct, Remote reading

Body dimension: 115 x 65mm

Temperature: -40°C to 120°C

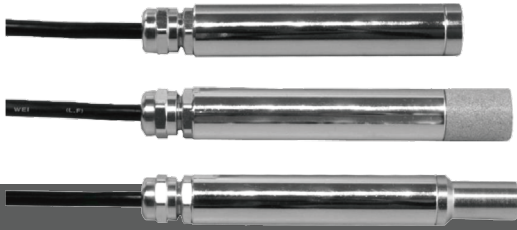
Analog output: 4-20mA (2-wire)

0~1V / 5V / 10V (3-wire)

Temperature accuracy: 0.7°C / 0.3°C / 0.9°C

Power supply: 11...35VDC / 20...35VAC

Protection level: IP65



THT-S16

Probe Humidity and Temperature Transmitter

Application: Adopts metal probe to measure ambient temperature and humidity, which is suitable for industrial application such as environment, cooling, and ventilation control.

Model: THT-S16

Body dimension: 95 x 16mm

Humidity measurement range: 0...100% RH

Temp. measurement range: -40...85°C

Signal output: 0-1V (2-wire) / RS485 Modbus

Power supply: 5VDC±5%

Temperature accuracy: 0.3°C / 0.7°C / 0.9°C

Case protection level: IP24



ATT-110

Temperature Sensor

Application: Is specially design for air compressor, suitable for measuring liquid and gas temperature or solid surface temperature in various industrial process application.

Model: ATT-110

Process connection: M20x1.5 / R1/4 / M12x1.5

Electrical connection: Cable outlet (2-wire)

Cable outlet (3-wire, standard) / Aviation plug

Temperature range: -50 to 150°C (standard) /

-50 to 300°C (with cooling fin)

Signal output: 0-1V (2-wire) / RS485 Modbus

Protection level: IP65 / IP68 (option)