APURE Leading Pure

APURE

Shanghai GL Environmental Technology Co., Ltd

Apure industrial online PH/ORP Controller:

Model：A10PR

Features:

- IP65 waterproof and dustproof.
- 100-240VAC or 24VDC.
- 4-20mA outputs correspond to the PH/ORP and temperature.
- Three limited ON/OFF contact output(Relay).
- RS-485 Modbus RTU protocal(optional).

Measuring range	Resolution	Accuracy	Dimensions
PH: 0~14.00pH	PH: 0.01PH	PH: 0.01PH±1Digit	96mm*96mm*132mm(H*W*D)
ORP: -1999 ~ 1999 mV	ORP:1mV	ORP:0.1%±1Digit	Cut-off dimensions
Temp: 0~135℃	Temp: 0.1 ℃	Temp:0.1℃ ±1Digit	92.5mm*92.5mm(H*W)

Apure industrial online PH&ORP Controller

Model: RP-3000

Features:

- English and Chinese operation interface, simple operation
- Connect two probes at the same time and measure two PH or PH and ORP
- Two 4-20mA outputs for pH and ORP.
- Two limited ON/OFF contact output(Relay).
- RS-485 Modbus RTU protocol.
- Installation: panel or wall mounting
- 100-240V or 24VDC; IP65 protection.

Measuring range	Resolution	Accuracy	Dimensions
PH: 0~14.00pH	PH: 0.01PH	PH: 0.01PH+1Digit	144mm*144mm*120mm(H*W*D)
ORP: -1999 ~ 1999 mV	ORP:1mV	ORP:0.1%+1Digit	Cut-off dimensions
Temp: 0~135℃	Temp: 0.1 ℃	Temp:0.1℃ +1Digit	138mm*138mm(H*W)

Model: A30PR

Features:

·48×96mm Microprocessor Water Quality Monitor.
·Compatible with both pH and ORP measurement.
·Compatible with 2-Wire or 4-Wire sensors.
·Automatic temperature compensation.
·Compatible with PT1000 and NTC10K temperature probe.
·Linear and non-linear temperature coefficient.
·Isolated current output 4-20mA.
·A30PR offers one relay output, one set point with programmable hystetesis function.

Measuring range	Resolution	Accuracy	Measurement
PH: 0~14.00pH	PH: 0.01PH	PH: 0.01PH±1Digit	pH: Maximum measuring range of 1 %
ORP: -1900~1900 mV	ORP:1mV	ORP:0.1%±1Digit	mV: Maximum measuring range of 1%
Temp: 0-135℃	Temp: 0.1 ℃	Temp:0.1℃ ±1Digit	PT1000/NTC10K compensation

Model：A20PR

Features:

- Two 4-20mA outputs independently correspond to PH/ORP or temperature
- RS-485（Modbus RTU protocol）Functions (optional)
- Installation: panel or wall mounting
- 100-240VAC or 24VDC; IP65 protection.
- PT1000, NTC10K or Manual temp compensation.
- Three limited ON/OFF contact ouptut(relay).

Measuring range	Resolution	Accuracy	Dimensions
PH: 0~14.00pH	PH: 0.01PH	PH: 0.01PH+1Digit	144mm*144mm*115mm(H*W*D)
ORP: -1999 ~ 1999 mV	ORP:1mV	ORP:0.1%+1Digit	Cut-off dimensions
Temp: 0~135℃	Temp: 0.1 ℃	Temp:0.1℃ +1Digit	138mm*138mm(H*W)

Apure industrial online PH sensor

GRT1010 Plastic shell PH Electrode (Colloidal electrolyte)

Application: Conventional Sewage treatment, Swimming Pool treatment, Industrial Process.
Specification:
Measuring range: 0-14pH
Temp range: 0-60℃
Pressure: 0-4bar
Installation: 3/4" NPT thread
Material: ABS

GRT1010J PTFE shell PH Electrode (For organic solvent)

Application: Sewage treatment, Washing, Scrubber, Detergents, Industrial Process.
Specification:
Measuring range: 0-14pH
Temp range: 0-60℃
Pressure: 0-4bar
Installation: 3/4" NPT thread
Material: PTFE

GRT1030 Special PH Electrode For lime solution(Colloidal electroolyte)

Application: PH measurement of sewage treatment with lime slurry
Specification：
Measuring range：0-14pH
Temp range: 0-60℃
Pressure: 0-4bar
Installation: 3/4" NPT thread
Material: ABS

GRT1010T PH-TI Electrode For hydrofluoric acid liquid(Colloidal electroolyte)

Application: PH measurement of sewage treatment with hydrofluoric acid
Specification：
Measuring range：0-14pH
Temp range：0-60℃
Pressure: 0-4bar
Installation: 3/4" NPT thread
Material: ABS

Apure industrial online PH sensor

GRT1110 Glass PH Electrode (Colloidal electrolyte)

Application: PH measurement of sewage treatment or clean water treatment
Specification：
Measuring range: 0-14pH
Temp range：0-60℃
Pressure: 0-4bar
Installation: PG13.5 screw thread
Material: Glass

GRT1130 High temperature PH electrode (Jelly electrolyte)

Application: PH measurement of high temperature water treatment
Specification：
Measuring range：0-14pH
Temp range：0-110℃
Pressure: 0-4bar
Installation: PG13.5 screw thread
Material: Glass

GRT1320 High temperature PH Electrode (Solid electrolyte)

Application: PH measurement of high temperature water treatment
Specification：
Measuring range：0-14pH
Temp range：0-135℃
Pressure: 0-4bar
Installation: PG13.5 screw thread
Material: Glass

GRT1320A/B Strong Acid(ALKALINE)PH Electrode(Solid electrolyte)

Application: PH measurement of high temperature strong acid/alkaline water treatment
Specification：
Measuring range：0-14pH
Temp range：0-135℃
Pressure: 0-4bar
Installation: PG13.5 screw thread
Material: Glass

Apure industrial online ORP sensor

GRT1010P Plastic shell ORP Electrode(Platinum ring+Agcl)

Application：ORP measurement of general sewage treatment
Specification：
Measuring range：-1999mV~1999mV
Temp range：0-60℃
Pressure: 0-4bar
Installation: 3/4" NPT therad
Material: ABS

GRT1010JP ORP Electrode For organic solvent (Platinum ring+Agcl)

Application: ORP measurement of sewage treatment with organic solvent
Specification:
Measuring range：-1999mV~1999mV
Temp range：0-60℃
Pressure: 0-4bar
Installation: 3/4" NPT thread
Material: PTFE

GRT1110P Glass ORP Electrode (Platinum ring+Agcl)

Application: ORP measurement of ambient temperature sewage
Specification：
Measuring range：-1999mV~1999mv
Temp range: 0-60℃
Pressure: 0-4bar
Installation; PG13.5 screw thread
Material: Glass

GRT1130P High temperature glass ORP Electrode (Platinum ring+Agcl)

Application: ORP measurement of high temperature sewage
Specification：
Measuring range：-1999mV~1999mv
Temp range：0-110℃
Pressure: 0-4bar
Installation dimension: PG13.5 screw thread
Material: Glass

APURE PH/ORP sensor mounting sheath

PP1020-100 Submersible sheath

Application: Used for tank installation and measurement of plastic shell PH electrode
Specification:
Material: PVC (optional: PPR)
Temp range:0-70℃
Pressure: normal pressure
Installation dimension: 3/4" NPT thread
Optional size: 1 m, 2 m, 3m

PP1120-100 Submersible sheath

Application: Used for tank installation and measurement of glass PH electrode
Specification:
Material: PVC
Temp range:0-70℃
Pressure: normal pressure
Installation dimension: 3/4" NPT thread
Optional size: 1 m, 2 m, 3m

SS-1130G

PF-1120G

Application: For Glass PH electrode
Specification:
Material: PVDF; Stainless steel(316L)
Temp range:0-135℃
Pressure: normal pressure
Installation dimension: 3/4’’ NPT thread

Circulation tank type installation sheath PTB1010;PTB1130（Flow cell）

Application：Circulating (bypass) PH electrode installation
Specification:
Material: acrylic
Temp range:0-60℃
Pressure: normal pressure
Installation dimension: PTB1010 3/4NPT screw thread PTB1130 PG13.5 screw thread

PH/ORP/Conductivity Buffer Solution

PH=1.68/4.00/4.01/6.86/7.00/9.18/10.00/10.01
ORP=86MV/256MV
Conductivity=1.3uS/cm, 10uS/cm, 84uS/cm, 100uS/cm, 146.6uS/cm, 1000uS/cm, 1408uS/cm, 1413uS/cm, 12.85mS/cm, 12.88mS/cm,100mS/cm
Capacity:50mL/bottle, 250mL/bottle, 500mL/bottle

Signal amplifier and junction box

Signal amplifier
F4-FD
Order no:60901061

Junction box
F4-05
Order no:60904051

Apure Industrial On-line Conductivity/ Resistance/ TDS Controller

- 100-240VAC or 24VDC power supply
- Two 4-20mA outputs correspond to Conductivity/Resistance/TDS setting and temperature(or one set of 4-20mA &one set of RS485)
- Three limited ON/OFF contact ouptut(relay).
- Password protection.
- NTC10K, PT1000 and Manual temperature compensation.
- Three limited ON/OFF contact output(relay).

Model: A10CD

Electrode：KS-1

Electrode：KSS series

Model	Temp compensation	Accuracy	Dimensions	Cut-off dimensions
A10CD	AUTO	±1%(FS) +Digit	96*96*132mm (H*W*D)	92.5*92.5mm (H*W)
Electrode model	**Temperature**	**Pressure**	**Connection**	**Measuring range**
KS-0.01	5-50℃	0 ～ 0.5Mpa	1/2 " NPT thread	0.05uS/cm-20uS/cm 0.00-20.00MΩ·cm
KS-0.1	5-50℃	0 ～ 0.5Mpa	1/2 " NPT thread	0.1uS/cm-200uS/cm
KS-1	5-50℃	0 ～ 0.5Mpa	1/2 " NPT thread	1uS/cm-20mS/cm 0-9999ppm
KSS-10	5-120℃	0 ～ 0.5Mpa	1/2 " NPT thread	10uS/cm-200mS/cm

Apure Industrial On-line Conductivity/Resistance/TDS Controller

- 100-240VAC or 24VDC power supply.
- Two 4-20MA outputs correspond to conductivity/ Resistance/ TDS setting and temperature (or one set of 4-20mA &one set of RS485).
- Three limited ON/OFF contact ouptut(relay).
- Password protection.
- Temperature compensation: PT1000, NTC10K or Manual temp compensation.

Model: A20CD

Electrode：KS-1

Electrode: KSS-10

Model	Temp compensation	Accuracy	Dimensions	Cut-off dimensions
A20CD	AUTO	±1%(FS) +Digit	144*144*115mm (H*W*D)	92.5*92.5mm (H*W)
Electrode model	**Temperature**	**Pressure**	**Connection**	**Measuring range**
KS-0.01	5-50℃	0 ～ 0.5Mpa	1/2 " NPT thread	0.054uS/cm-20uS/cm
KS-0.1	5-50℃	0 ～ 0.5Mpa	1/2 " NPT thread	0.1uS/cm-200uS/cm
KS-1	5-50℃	0 ～ 0.5Mpa	1/2 " NPT thread	1uS/cm-20mS/cm 0-9000ppm
KSS-10	5-120℃	0 ～ 0.5Mpa	1/2 " NPT thread	10uS/cm-200mS/cm

Apure A30CD On-line Conductivity Meter

Compact and Pragmatic

The A30CD conductivity meter utilize microprocessor technology to provide enhanced capabilities with economical price. The compact desigh fits in small space installation. The A30CD features for water quality monitoring and the A30CD offers one relay output to sufficiently activate your process system.

Applications:

·RO system
·Cooling water
·Industrial process
·Boiler feed water
·Ultra-pure water
·Water treatment

Features:

·48×96mm Microprocessor Water Quality Meter
·Compatible with both conductivity and resistivity measurement
·Compatible with 2-Wire or 4-Wire sensors
·Automatic temperature compensation
·Compatible with PT1000 and NTC10K temperature probe
·Linear and non-linear temperature coefficient
·Isolated current output 4~20mA
·A30CD offers one relay output, one set point with programmable hysteresis function.

Measuring Range & Accuracy	Conductivity	0.00uS/cm~200.0mS/cm in 5 Ranges, ±1%(±1 Digt)
	Resistivity	0.00~20.00MΩ·cm, ±1%(±1 Digt)
	Temperature	0-120.0℃, ±0.2℃(±1 Digt)
Cell constant		0.01, 0.1, 1, 10
Temperature compensation		PT1000 or NTC10K or Manual
Analog output		Isolated 4-20mA corresponding to measurement
Power supply		AC220V or DC24V
Dimensions		48mm*96mm*110mm(H*W*D)

Apure Industrial On-line Chlorine Controller

Model: TC-2200

pH sensor & Chlorine sensor with Flow cell Model:TS-280

Feature:

- One set of 4-20 mA
- One set of relays correspond to residual chlorine values
- Screen has five ways to display
- IP65 protection level
- 220VAC or 24VDC power supply

Measuring range	Resolution	Accuracy	Dimensions
Chlorine 0-20.00mg/L	Chlorine 0.01mg/L	±1% FS	96mm*96mm*132mm(H*W*D)
PH : 0-14PH	PH: 0.01 PH	±0.02 PH	Cut-off dimensions
Temp: 0-99 ℃	Temp: 0.01 ℃	±0.5 ℃	92mm*92mm(H*W)

Apure Industrial On-line Chlorine Controller

Model: A10CL

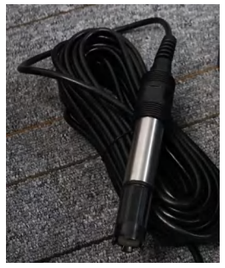
Model: TS-270 with flow cell(PP-86)

Feature:

- 4-20 mA or RS485 output.
- Three limited ON/OFF contact ouptut(relay).
- IP65 protection.
- 100-240VAC, 24VDC power supply.

Measuring range	Resolution	Accuracy	Dimensions
0-20.00mg/L	CL: 0.01mg/L	±1 %	96mm*96mm*132mm(H*W*D)
Temperature	Power consumption	Installation	Cut-off dimensions
0-60°C	≤ 10W	Flow cell	92.5mm*92.5mm(H*W)

Apure Industrial On-line Dissolved Oxygen Controller



Feature:

- For sewage, river water, bredding, agriculture, aquaculture, etc.
- 4-20mA or RS485 Modbus RTU output.
- Three limited ON/OFF contact output(Relay).
- 100-240VAC or 24VDC, 50/60HZ.
- PT1000, NTC10K, Manual temperature compensation.

Model: A10DO Electrode：TS-200

Meter model	Measuring range	Accuracy	Dimensions	Cut-off dimensions
A10DO	0-20mg/L (ppm)	±1.5%(FS)	96*96*132mm (H*W*D)	92*92mm (H*W)
Electrode model	Temp resistance	Response time	Connection	Temperature compensation
TS-200	0-60℃	10 sec	3/4'' NPT thread	PT1000 or NTC10K

Apure Industrial On-line Turbidity Controller

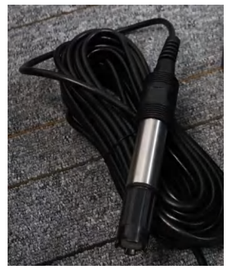
Feature:

- The built-in air bubble elimination system improves the measurement precision and stability
- Measurement unit: mg/L and NTU
- Site calibration can be done by contrast method
- 4-20mA or RS485 Modbus RTU
- 220VAC or 24VDC.
- IP65 protection.

TS-620 TD-400 TD-5000

Measuring range	Resolution	Accuracy	Dimensions
TD-400: 0-100.00NTU ; 0-400.00NTU	0.01NTU	±1%FS	242mm*184mm*135mm(H*W*D)
TD-5000: 0-5000NTU	0.1NTU	±1%FS	Installation
Temperature: 0-60℃	RH：≤85%		Submerged or Flow cell

Apure Industrial On-line Dissolved Oxygen Controller



Feature:

- For sewage, river water, bredding, agriculture, aquaculture, etc.
- 4-20mA or RS485 Modbus RTU output.
- Three limited ON/OFF contact output(Relay).
- 100-240VAC or 24VDC, 50/60HZ.
- PT1000, NTC10K, Manual temperature compensation.

Model: A20DO Electrode: TS-200

Meter model	Measuring range	Accuracy	Dimensions	Cut-off dimensions
A20DO	0-20.00ppm (mg/L)	±1.5%(FS)	144*144*115mm (H*W*D)	138*138mm(H*W)
Electrode model	Temp resistance	Response time	Connection	Temp compensation
TS-200	0-60℃	10 sec	3/4 " NPT thread	PT1000 or NTC10K

Apure Industrial On-line Suspended Solids Concentration Controller

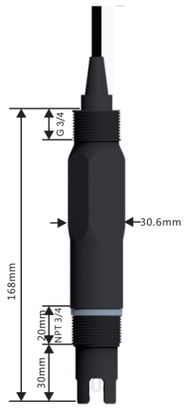
Feature:

- The built-in air bubble elimination system improves the measurement precision and stability
- Site calibration can be done by contrast method
- 4-20mA or RS485 Modbus RTU
- 220VAC or 24VDC.
- IP65 protection.

Model: S-730 Model: TD-30

Measuring range	Resolution	Accuracy	Dimensions
TD-30: 0-30g/l	1mg/L	1%FS	242mm*184mm*135mm(H*W*D)
Temperature			Installation
0-60℃			Submerged

Apure Industrial On-line Salinity Sensor



Model: SAL-C

Measuring range			Signal ouptut
0-10ppm, 0-100ppm, 0-2500oppm, 0-100000ppm	Mea Resolution:1ppm	Mea Accuracy: ±1%	4-20mA & RS485 Modbus RTU output
Coefficient K=0.01, K=0.1, K=1, K=10	Temp compensation Auto/Manual	Material PPS;ABS	Pressure
Temp: 0-60.0℃	Resolution ±0.1℃	Accuracy ±1%	0-4Bar

Apure Industrial On-line Ultrasonic Liquid Level Meter

Model：AK-2000E

- A set of 4-20mA analog output，two sets of relay
- RS-485 communication（Modbus RTU agreement）（Optional）
- IP65 protection level
- 220V AC or 24VDC（Optional）
- Installation：one-piece on-site installation and display
- Sensor material: ABS plastic (PE/PTFE anti-corrosion material is optional）

Measuring range	Dead zone	Range accuracy	Pressure
0-20M	0.5m	±3mm（standard conditions）	3 atmospheres below
Structure	Resolution	Environment temperature	Display
Integrated	1mm	-20℃ ~+60℃	Built-in LCD display level or space distance

Apure Industrial On-line Corrosion Rate Digital Sensor

Model: COR-A

Measuring Range	Temperature	Resolution	Pressure	Output
0~5mm/a	0~80℃	0.0001mm/a	0-3bar	4-20mA&RS485
Accuracy	Humidity	Response time	Power	Probe material
±3%FS	≤85%	50S	9-30VDC	Stainless steel, carbon steel, copper

Model：AK-7000E

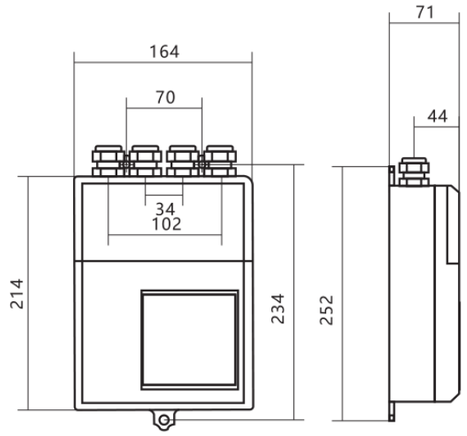
- A set of 4-20mA analog output
- Four sets of relay switch output
- RS-485 communication（Modbus RTU, Optional）
- IP65 protection level
- 220V AC or 24V DC power（Optional）
- Installation: split type, meter wall-mounted
- Sensor material: ABS plastic (PE/PTFE anti- corrosion
- material is optional）

- Sensor comes with 10m lines(which can be extended to 50m)

Measuring Range	Blind zone	Accuracy	Pressure
0-20m(can be customized)	0.25-0.5m	±3mm/ 0.3% (standard conditions)	3 atmosphere below
Structure	Range resolution	Temperature	Display
Split type	1mm	-20~60℃	LCD or space distance

APURE Intelligent Electromagnetic Flow Meter

Integrated type(AYT)



Split type(AFT)

Technical parameter

※DN(mm) Pipeline PTFE lining:
25,32,40,50,65,80,100,125,150,200,250,
300,350,400,450,500,600

※Pipeline rubber lining:-
40,50,65,80,100,125,150,200,300,350,4
00,500,600,800,1000,1200

※Flow direction
Positive, negative, net flow range ratio: 150/1

Repeatability error: ±0.1%

※ Accuracy: 0.3, 0.5, 1.0(class)

※ Temperature
Ordinary rubber lining: -20~60℃
High temp rubber lining: -20~90℃
PTFE lining: -30~100℃
High temp PTFE lining: -30~180℃

※Rated working pressure
Pipeline: DN10~DN65(≤2.5Mpa)
DN80~DN150(≤1.6Mpa);
DN200~DN1200(≤1.0Mpa)

※Conductivity range
Conductivity of measured liquid≥5uS/cm

※Output current and load resistance
4-20mA fully isolated load resistance＜750 Ohm
pulse When frequency 0-1KHZ optoelectronic isolation OCT external power≤35V is connecting, max current of collector is 25mA.

※Sensor material
Molybdenum-containing stainless steel, Ti, Ta, H, Pt or other special materials.

※ Protection level
Submerged type: IP68, other IP65.

※Power supply: 85~265V, 45~63HZ

※Straight pipe length
Pipeline upstream≥5DN, downstream≥2DN

※ Connection
Flanged joint is used between flow meter and distribution pipe, the size should be meet the rule of B9119-88.

※Explosion-proof: md11BT4

※Environmental temperature: -25~60℃

※Total power consume:≤20W

■Electromagnetic Flow Meter Data sheet

Electromagnetic Flow meter	Note	Qmin（m^3/h）	Qmax（m^3/h）	Dn(mm)	Order no
AYT-25S	Integrated type	0.5	17.7	25	4112501
AFT-25L	Split type				4112502
AYT-32S	Integrated type	0.9	29	32	4113201
AFT-32L	Split type				4113202
AYT-40S	Integrated type	1.4	45.2	40	4114001
AFT-40L	Split type				4114002
AYT-50S	Integrated type	2.1	70.7	50	4115001
AFT-50L	Split type				4115002
AYT-65S	Integrated type	4	119	65	4116501
AFT-65L	Split type				4116502
AYT-80S	Integrated type	5	181	80	4118001
AFT-80L	Split type				4118002
AYT-100S	Integrated type	8	283	100	41110001
AFT-100L	Split type				41110002
AYT-125S	Integrated type	13	442	125	41112501
AFT-125L	Split type				41112502
AYT-150S	Integrated type	19	636	150	41115001
AFT-150L	Split type				41115002
AYT-200S	Integrated type	30	1130	200	41120001
AFT-200L	Split type				41120002
AYT-250S	Integrated type	50	1767	250	41125001
AFT-250L	Split type				41125002
AYT-300S	Integrated type	80	2545	300	41130001
AFT-300L	Split type				41130002
AYT-350S	Integrated type	100	3464	350	41135001
AFT350L	Split type				41135002
AYT-400S	Integrated type	140	4524	400	41140001
AFT-400L	Split type				41140002

△Note: RS485 communication is optional. LCD PTFE lining(DN6~DN65), rubber lining(greater than DN65), 316L sensor, integrated type, no grounded ring(pipe is metal), can be with RS232, flange mounting, normal pressure is 1.6Mpa.

APURE Split Type Open Channel Flow Meter

Model: MQ6000

Measuring range	Blind zone	Accuracy	Pressure
0.1L/S~10m3/S	0.25-0.5m	±3mm/0.3%（standard conditions）	3 atmospheres below
Structure	**Resolution**	**Environment temperature**	**Display**
Split type	1mm	-20℃ ~+60℃	Built-in LCD display level or space distance

※A set of 4-20mA analog output.
※RS485 communication(Modbus RTU)(optional).
※IP65 protection level.
※220VAC or 24VDC can be choose.
※Installation: Split type, meter wall-mounted.
※Sensor material: ABS plastic(PE/PTFE anti-corrosion material can be choose).
※Sensor comes with 10m cable(max: 50m)

External Clamp Ultrasonic Flow Meter

Main technical parameters
Measurement principle:
ultrasonic time difference
principle
Measurement range :0~±10m/s
Accuracy: flow rate is better than ±1%
Display :2 x 10 Chinese backlit characters or 2 x 20 character LCD display, support three languages: Chinese, English and Italian
Flow direction: Positive and negative two-way metering, and measure positive, negative, net cumulative flow / heat
Data interface; RS485 serial turbulence, can be upgraded by PC computer, support MODBUS and other protocols
Data recording: positive/negative/net accumulations at 512 days, 128 months and 10 days before automatic memory More than 30 times, power off time and flow rate before automatic memory and can be automatically or manually added
Signal output: 1 channel 4-20mA current output 1 relay output
1 channel OCT pulse output (programmable between 6~100ms pulse width, default 200ms)
Signal input: 3 channels of 4-20mA analog input, accuracy 01%, can collect pressure, liquid level, warm sleep and other signals
2-way three-wire PT100 platinum resistor for thermal measurement
Power supply :AC85~264V or DC8~36V

Flow Sensor	Standard small sensor L1	DN15~DN100mm, 0~90℃
	Standard medium sensor L2	DN50~DN700mm, 0~90℃
	Standard large sensor L3	DN300~DN60comm, 0~90℃
	High temp small sensor GL1	DN15~DN100mm, 0~160℃
	High temp medium sensor GL2	DN50~DN700mm, 0~160℃
	High temp large sensor GL3	DN300~DN60comm, 0~160℃
	Standard insertion sensor C1	≥DN80mm
	Extended insertion sensor C2	≥DN80mm
	Parallel insertion sensor C3	Customized
	Pipe section sensor	DN15~DN1000mm

Media turbidity: ≤ 2000pm and small bubble content
Applicable pipe: Carbon steel, stainless steel, copper, PVc, aluminum, fiberglass and other uniform and dense pipes, allowing lining
Straight pipe section: The sensor installation point is best to meet: upstream 10, downstream 5, from the pump outlet 300 (D is the diameter)

IOT Water Quality Monitoring Cabinet

PH+ORP+Chlorine+Turbidity+Temperature

(Other can be customized)

Features

1. Stainless steel cabinet(Other can be customized).
2. Split screen display, can be disassembled independently, easier to maintain.
3.Can be connected to the Water Quality Panel.
4. Data can be viewed remotely via PC, Mobile Phone, App.

Electrode Type
PH/ORP: **Glass**
Chlorine: **Constant voltage**
Turbidity: **Optical method**
Temp: **Thermistor**

Signal Output	Relay Output	Wireless Remote transmission
4-20mA RS485 Modbus RTU	11-Relay (High Low Trigger)	DTU/RTU 4G/WIFI

Parameters

Other parameters can be customized

PH	0.01-14.00PH	Connection	DN15 thread
ORP	-1999~1999mV	Installation	Wall-mounted
Chlorine	0.01-10.00mg/L(ppm)	Protection	IP55
Turbidity	0-100.00NTU	Power Supply	100-240VAC or 12-24VDC
Temperature	0.1-100.0℃	Electrical power	30W
Flow	60-80L/H	Weight	22KG
Pressure	≤2bar	Dimensions	500*600*250mm

Dimensions

Application

1. Swimming pool/Spa
2. Water Plant
3. Cooling Tower Water

Note: Cabinet interior can expand relays, control dosing pumps/valves and other products.

Submerged Type Liquid Level Transmitter

Submerged type

Waterproof junction box

For High temperature(coll ection cylinder)

PTFE material
Anti-corrosion

Parameters

Measuring range: 0~10m, 0~100m(can be customized)
Power supply: 12~24VDC
Output signal: 4-20mA, 0-5V, 0-10V
Medium temperature: -40~250℃
Protection:IP68
Pressure overload: 200%FS
Mechanical vibration: 20g(20-5000HZ)
Comprehensive accuracy: 0.5%(standard), 0.2
Stability: ±0.2%FS/Year

Material: junction box low copper aluminum alloy; liquid level probe all stainless steel; cable material polyethylene wire, stainless steel tube, PTFE anti-corrosion cable.
Media compatible: Various fluid media compatible with 316L stainless steel

Compact Pressure Transmitter

Industrial Hammer Pressure Transmitter

Integrated Temperature sensor / transmitter

Overview

The integrated temperature transmitter with thermal resistance and thermocouple is a site-mounted temperature transmitter unit. It consists of a thermal resistance thermocouple and a temperature transmitter module. It is a two-wire system with a nonlinear correction circuit that directly measures liquid, gaseous media and various substances in the industrial process from -150 ° C to 400 ° C. Temperature signal is converted into a 4-20mADC current output signal linear with the temperature signal. Display, adjusted recording instrument or computer for distributed control.

Widely used in petroleum machinery, chemical machinery, compressors, electric power, boilers, natural gas and other automated temperature measurement and control systems.

Performance parameter

Range: -150 ° C ~ 400 ° C
Output signal: 4 ~ 20mA
Supply voltage: 24VDC
Long-term stability: ≤ 0.2% FS / year
Response time: ≤ 20ms
Insertion depth: ≥ 10cm (special requirements can be customized)
Insert diameter: Φ7 (special requirements can be customized)
Nominal pressure: static external pressure on the protective tube at operating temperature
Explosion-proof grade: Exia II CT6 (can be customized)
Power consumption: < 0.5W
1: Ambient temperature: -40 ° C ~ 80 ° C
Working environment 2: relative humidity: 0 ~ 95% RH
3: Mechanical vibration: f < 55HZ, amplitude < 0.15mm

Intelligent control secondary display instrument

The digital display instrument cooperates with various types of analog output sensors and transmitters to measure, transform, display and control physical quantities such as temperature, pressure, flow, liquid level, composition and displacement.

Characteristics

◆Compatible input 2 1 kinds of signals: thermal resistance, thermocouple, standard current, standard voltage, millivolt, remote pressure gauge resistance, etc. Sensor zero display value, sensor full point display value, decimal point position can be set freely;

◆Multi-level digital filtering selection, effectively filtering out interference, effectively eliminating non-critical jump words, realizing alarm, controlling output, transmitting output 0 ～ 1 0 mA、4 ～ 2 0 mA 、 0 ～ 2 0 mA 、 0 ～ 5 V、1 ～ 5 V

Model

Content	Code					Description
	XM-601					Digital display
Dimensions		A				160*80*115，80*160*115
		B				96*96*60
		C				96*48*60，45*96*60
		D				72*72*60
		E				48*48*115
Panel form			H			Horizontal
			S			Vertical
			F			Square
Alarm				T		2-point alarming
Transmitting Output					A0	No transmitting output
					A1	Current output (isolated from external supply)
					A2	Voltage output (isolated from external supply)
External transmitter power supply (external power supply input is not isolated, there is isolation requirement, please specify when ordering					B0	No external power supply
					B1	External power supply 24VDC
					B2	External power supply 12VDC
Meter communication					S0	No communication
					S1	RS232 communication
					S2	RS485 communication
Meter power supply					VO	85VCA-265VAC