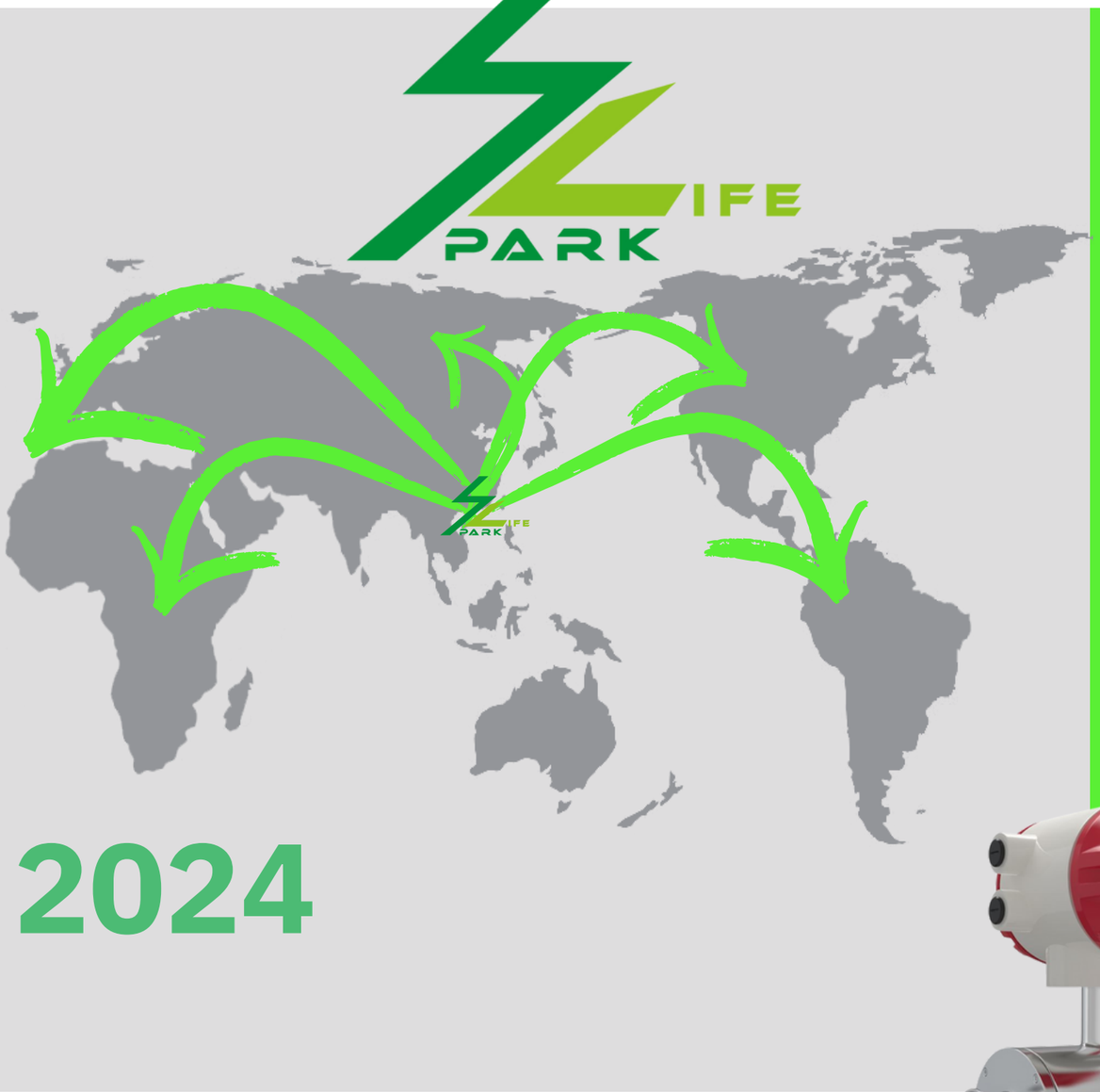
Sparklife
By spare-link



2024

Spare-link
www.spare-link.com
Tel:86-199 2429 6063
E-mail:contact@spare-link.com
Add: Tianhe district Guangzhou 51000 , China

Catalogue Sparklife produits 2024

www.spare-link.com

Version : SL -V3.5-EN

catalogue 2024 Pro with right price

SPARKLIFE PARK

By www.spare-link.com

Why invest in a costly temperature sensor when you can achieve the same functionality at a lower cost? Numerous technologies have been approved over the years. Sparklife can provide both quality and affordability. Contact us at contact@spare-link.com for more details

Contents

Recorder	3-4
Analyzer controller	5-6
Sensor Analysers	7-8
Flowmeters	9-10
Pressure	11-12
Level transmitter	13-14-15
Transmitter	16
Temperature	17
Signal	18-19

Recorder

Introduction

The SL-0069R paperless recorder, uses high-speed,high-performance 32-digit cortex-M4 microprocessor, and picture response time should be less than 0.1 seconds; meanwhile, the inspection, record, display and alarm of 18 signals are realized, and the internal circuit board should be coated by anti-corrosion, moisture protection, and dust prevention.

High-performance power technology and strong immunity from interference can effectively control external harmonic disturbance, and highly improve power and stability of whole machine.

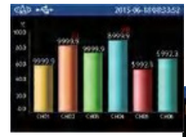
Recorder Parameters

Parameters	Paperless recorder	Paperless recorder	Paperless recorder	Chart recorder
Model	SL-0069R	SL-C0006R	SL-F0006R	SL-0012R
Display	3.5-inch LCD	7.0-inch LED	7.0-inch LED	OLED
Display resolution	320*240	800*480	800*480	128*64
Input channel	1~18	1~48	1~36	1~8
Input signal	(4~20)mA,(0~20)mA,(0~10)mA, RTD:PT100,Cu50,(1~5)V,(0~10)V, (0~5)V,TC:K,B,E,J,S,T,R,N,(0~20)mV, (-20~20)mV,(0~100)mV, RS485	(4~20)mA,(0~20)mA,(0~10)mA, RTD:PT100,Cu50,(1~5)V,(0~10)V, (0~5)V,TC: K,B,S,E,J,T,R,N,F2(0~20) mV,(-20~20)mV,(0~100)mV	(4~20)mA,(0~20)mA,(0~10)mA, RTD:PT100,Cu50,(1~5)V,(0~10)V, (0~5)V,TC: K,B,S,E,J,T,R,N, (0~20)mV,(-20~20)mV,(0~100)mV	(4~20)mA,(0~10)mA, RTD:PT100,Cu50,(1~5)V,(0~10)V, (0~5)V,TC: K,B,E,J,S,T,R,N, (0~20)mV,(0~100)mV
Sampling interval	1s	1s	1s	0.6s
Record Interval (chart speed)	1s~60min	1s~4min	1s~60min	10~2000mm/h
Accuracy	0.2%F.S	0.2%F.S	0.2%F.S	0.2%F.S
Relay output	4	18	8	8
Analog output	4	18	4	2
Power distribution	1	1	1	1
Totalizer	Yes	Yes	Yes	-
Data transfer	USB	USB	USB	Print
Communication	RS485	RS232/RS485	RS485	RS232/RS485
Panel cutout size	92^{+1}mm×92^{+1}mm	138 $^{+1}$mm×138 $^{+1}$mm	138 +m1m×138+ 1mm	138 $^{+1}$mm×138 $^{+1}$mm
Power supply	176~264VAC , 47-63Hz,24V	85 ~ 264VAC,12 ~ 36VDC	176~264VAC,47~63Hz	100~240VAC 24VDC

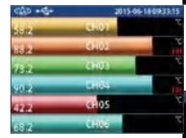
SL-0069R Paperless recorder

Main display

Column graph display



Digital display



Bar graph display

Curve graph display

Features

- 96x96 international standard size
- 3.5-inch TFT LCD
- 18 multi-function analog signals input
- 6 kinds of parameter display modes

Parameters

Display screens	3.5-inch LCD	Internal memory capacity	48M
Input signal	(4~20)mA,(0~20)mA,(0~10)mA, RTD:PT100,Cu50,(1~5)V,(0~10)V, (0~ 5)V,TC: K,B,E,J,S,T,R,N,(0~20)mV, (-20~20) mV,(0~100)mV,	Memory time	10 days - 89 years (time is determined based on record gap)
		Sampling interval	1s
		Communication	Modbu sRS485
Output	4 relay output and 1 Power distribution (optional)	Power supply	(176-264)VAC,47~63Hz,24V
Accuracy	0.2%F.S	Operating conditions	Environmental temperature:0~50℃ Environmental humidity:10%-85%RH
Record Interva l	1s-60min optional	Dimension	$^{+1+1+1}$ Overall dimension: 96 mmx96 mmx100 mm $^{+1+1}$ Panel cutout size: 92 mmx92 mm

Introduction

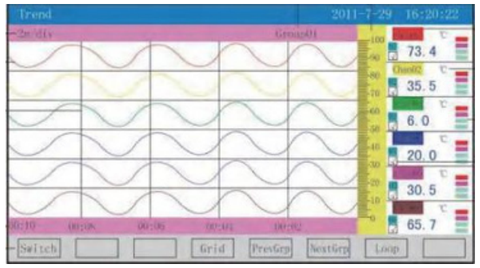
SL-R6000C Paperless recorder processes the data by high-performance microprocessor from various monitoring signals, which are necessary in industrial field, such as pressure, level , flow, temperature.

The data will be processed and displayed in various forms on the crystal display screen.

Meanwhile, the data is stored in inner memory chip inside the instrument so that the data can be directly queried, browsed and printed.

SL-C0006R Paperless recorder

Main display



Features

- Up to 48 channels universal inputs
- Up to 18 channels relay output
- Using high-speed,high-perfomance 32-bit ARM processor
- 24channels data display on the same screen

  Multiple screen switching display

Parameters

Dimension	184*154*156	Communication	RS485/RS232
Power supply	85 ~ 264VAC,12 ~ 36VDC	Working temperature	-10~50℃ÿ
Power consumption	≤20W	Operating humidity	10 ~ 90% (No condensation)
Internal memory capacity	64M	Accuracy	±0.2%F.S
Response time	≤0.3S	Frequency	50/60Hz

- SL-0012R Chartrec order

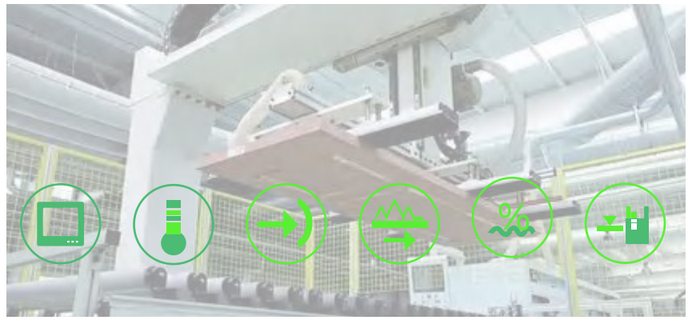
Features

- Rich information is presented simultaneously
- Two types of display: set-channel and circular
- Maximum 8 universal channels
- Allowable Panel Thickness: 2 to 26 mm
- With zero consumption of pens or ink
- No errors caused by the pen's position

Parameters

DC current	0~10mA, 4~20mA, 4~20mAsq	Record Points	Maximum 8 Channels
DC voltage	0~20mV, 0~50mV, 0~100mV, 0~5V,1~5V, 1~5Vsq,0~10V	Paper Feed Speed	10~2000mm/h
		Power Frequency	220VAC/24VDC
Thermocouple	S, B, K,T, E, J, R, N	Environmental Temperature	50Hz
RTC	PT100, Cu100, Cu50	Humidity	0~85%RH (non-condensation)
Accuracy	±0.2% of input scale	Accuracy	0.2%F.S
Sampling Cycle	1 second	Warm-up Time	30 mins after power
Chart Paper	Folding, valid chart format 104mm	Installation location	connection Indoors

Analysis



Water analysis controller parameters

Parameters	pH controller	pH controller	Optical DO controller	Conductivity controller
Model	SL-pH6.0	SL-pH8.0	SL-0062YD	SL-0012SDT-B
Display	2.8-inch LCD	4.3-inch screen	2.8-inch LCD	2.8-inch LCD
Measuring range	pH(0~14pH) ORP(-1000~+1000mV) (2000~+2000mV)option	-2.00-16.00pH; -1999-1999mV; -10~130℃	0~20mg/L，0~200%	0.00μS/cm~600mS/cm
Accuracy	pH±0.02pH;ORP±1mV	pH±0.02pH;ORP±1mV	±3% F.S	±2% F.S
Display resolution	0.01pH ； ORP 1mV	0.01pH; 1mV	0.01mg/L	0.01uS/cm
Stability	≤0.02pH/24h； ORP≤3mV/24h	pH:≤0.02pH/24h; ORP: ≤3mV/24h	±1%F.S/y	±1%F.S/y
Input resistance	＞10 Ω	＞10 Ω	-	-
Temperature range	-10~130℃	-10~13℃	-10~60℃	-10~60℃
Temperature compensation	manual/automatic NTC10K	0 NTC10K/PT1000	-	10~130℃ NTC10K/PT1000 Manual/ Auto temperature compensation
Power supply	220VAC±10%,50Hz/60Hz 24VDC±20%	220VAC±10%, 50/60Hz	220VAC±10%, 50Hz	220VAC±10%, 50Hz 110VAC±10%, 50Hz
Relay output	2 relay, 3A/250VAC	2 relay, 5A/245VAC	2 relay, 3A/250VAC	2 relay, 3A/250VAC
Communication	RS-485 MODBUS RTU	RS-485 MODBUS RTU	RS-485 MODBUS RTU	RS-485 MODBUS RTU
Signal output	4-20mA	4-20mA	4-20mA	4-20mA
Overall dimension (mm)	100x100x150mmv	144x144x115mm	100x100x150mm	100x100x150.5mm
Panel Cutout Size (mm)	92.5 x92.5 mm	138x138mm	92.5 x92.5 mm	92.5 x92.5 mm

Conductivity controller	Multiparameter controller	Turbidity controller	Turbidity controller
SL-EC8.0 4.3-inch	SL-0002DC	SL-UCT100	SL-SSP100
screen	2.8-inch LCD	2.8-inch LCD	2.8-inch LCD
0.00uS/cm ~ 2000mS/cm	pH; ORP; DO; TDS Turbidity; Suspended solids	0.01～4000NTU	0.1~20000mg/L; 0.1~45000mg/L; 0.1~120000mg/L
±1%FS	- 5%	±2%	5% ≦
-	-		Less than ± 5% of the measured value
-	-	±2%F.S/y	≤5%
＞10 Ω	＞10 Ω	-	-
-10~130℃	-10~60℃	-10~60℃	-10~60℃
Pt1000/NTC30K	-	-	NTC10K/PT1000
90 - 260 VAC	100-240VAC,24VDC	220VAC±10%; 50Hz	220VAC±10%; 50Hz/60Hz
-	2 relay, 3A/250VAC	2 relay, 3A/250VAC	2 relay, 3A/250VAC
RS-485 MODBUS RTU	RS-485 MODBUS RTU	RS-485 MODBUS RTU	RS-485 MODBUS RTU
4-20mA	4-20mA	4-20mA	4-20mA
144x144x115mm	100x100x150mm	100x100x150mm	100x100x150mm
138x138mm	92.5 x92.5 mm	92.5 x92.5 mm	92.5x92.5mm

Introduction

PH controller is an intelligent chemical analysis instrument for on line pH, ORP, temperature value monitoring , which is widely used in thermal power,chemical industry, metallurgy, environmental protection, pharmaceu- tical, biochemical, food and water supply industries. All monitoring data can be transmitted to further data logger for monitoring and recording, with Modubus RS48 communication , the controller can also be connected to the computer for real time data monitoring and recording.

SL-pH6.0 pH controller

Features

- The second generation of watchdoganti-lockup is set up to avoid the crash
- Double relay protection provides the safe operation
- experience The quadruple protection design is applicable to multiple conditions
- Strengthened 150% antistatic ability, strong anti-interference
- The automation module encapsulation is seismic-proof, drop-proof and jamming-proof
- Buzzer and LCD backlight function
- Innovative pluggable terminal, pure copper terminal design

Parameters

Measurement range	pH:(0~14pH) ORP:(-1000~+1000mV);(-2000~+2000mV,Optional)
Accuracy	pH:±0.02pH,ORP:±1mV
Resolution	0.01pH
Stability	≤0.02pH/24 hours;ORP≤3mV/24h
Display	2.8 inch 128*64 LCD display
Temperature compensation	-10~130℃manual/automatic(NTC10K PT1000)
Signal outputs	4-20mA,RS485
Relay output	2 relay,250VAC 3A
Power supply	220VAC±10%, 50Hz/60Hz 24VDC±20%, Output power ≥ 6W
Input impedance	$>10^{12}\Omega$
Environmental conditions	Temperature:-10 ~ 60℃; Humidity: ≤85%RH
Panel cutout size	92.5 + 1×92.5 + 1mm

Introduction

SL-TDS210 Conductivity/Hardness/Resistivity Online analyzer, an intelligent Online chemical analyzer, is widely applied for continuous monitoring and measurement of EC value or TDS value or ER value and temperature in the solution in the industry of thermal power, chemical fertilizer, environmental protection, metallurgy, pharmacy, biochemistry,
food and water, etc.

SL-TDS210-B Conductivity controller

Features

- Direct changeover to Conductivity （μS/cm) Resistivity (MΩ x cm) TDS measurement (ppm）
- Automatic temperature compensation
- 4-20mA Isolated Output
- IP54 water resistant and corrosion proof enclosure
- Large LCD display with background lighting
- Using the setup program: use-friendly programming

Parameters

Screen size	2.8 inch	Dimension	Overall dimension: 100mm*100mm*150.5mm(H*W*D); Cutout dimension: 92.5mm*92.5mm(H*W)
Weight	0.65Kg		
Ingress protection	IP54	Measure variables	EC/ TDS/ Resistivity
Measure range	0.01electrode: 0.02 ~ 20.00μS/cm; 0.1electrode：0.20 ~ 200.0μS/cm; 1.0electrode：2.00 ~ 2000μS/cm, 10.0electrode: 0.02 ~ 20.00mS/cm. Measure range for extended range controller0.01electro de 0.20 ~ 200.0μS/cm; 0.1electrode: 2.00 ~ 2000μS/cm, 0.1electrode: 0.02 ~ 20.0mS/cm, 10.0electrode：0.20 ~ 200.0mS/cm. Temperature range:-10 ~130℃		
Temperature compensation	NTC10K/PT1000, Temperature compensation manual/Automatic		
Accuracy	EC/TDS/Resistivity: ±1%FS, NTC10K (-10~5) ±2(5~60) ±0.2(60~130) ±2,		
Output	Isolated 4-20mA output, maximum loop is 750Ω, ±0.2%FS PT1000 (-10~5) ±2(5~130) ±0.2		
Communication	protocol Modbus RTU, RS485		
Alarm relay	2 relay,250VAC 3A	Relative humidity	10 ~ 85%RH(No condensation)
Power supply	AC:220VAC±10% 50Hz/60Hz DC:24VDC±20%	Operating temperature	-10 ~ 60℃
Storage conditions	-15 ~ 65, Relative humidity5%~ 95%RH(No condensation)		

Sensor

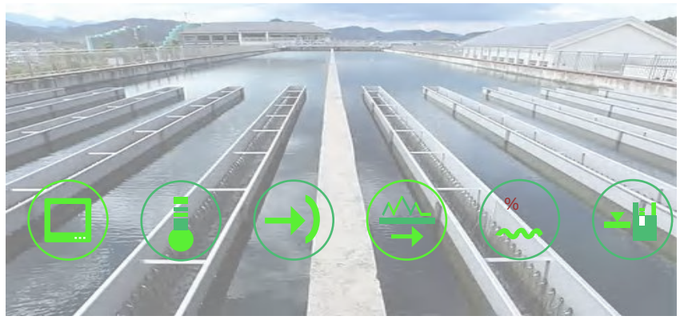
Sensor Parameters

Parameters	pH sensor	pH sensor	pH sensor
Model	SL-pH-1006	SL-pH-2006	SL-pH-1007
Measurement range	2-12pH	0-14pH	0-14pH
Temperature range	0~80℃	0~100℃	0~80℃
Temperature compensation	NTC10K/PT100/PT1000	Pt100/Pt1000/NTC 2.252K/ NTC 10K/NTC 22K	NTC10K/PT100/PT1000
Pressure resistance	0.4MPa	0.6MPa	0.4MPa
Zero electric potential	E0=7pH±0.2	Eo=7pH	E0=7pH±0.2
Thread	3/4NPT	PG13.5mm	3/4NPT
Body material	ABS	Glass	PPS
Application	Environmental protection, water treatment, breeding, municipal	pH,armaceuticals, food, paper pulp, textiles, petrochemical industry and semiconductor electronic , sewage treatment	Sewage, Adopt aerogel electrode,easy to maintain, Adopt flat,glass bulb, goodresistance t o contamination and impact.
Cable length	5m 、 10m 、 15m (customizable)	5m 、 10m 、 15m (customizable)	5m 、 10m 、 15m (customizable)

Parameters	pH sensor	pH sensor	pH sensor	pH sensor
Model	SL-pH-1008	SL-pH-5105	SL-pH-2205	SL-pH-A3105
Measurement range	0-14pH	0-14pH	0-14pH	0-14pH
Temperature range	0~60 ℃	0~130℃	0~130℃	0~80℃
Temperature compensation	PT100/PT1000/ NTC 2.252K/NTC 10K	Pt100/Pt1000/NTC10K	-	NTC10K/PT100/PT1000
Pressure resistance	0.6MPa	0.25MPa	0.6MPa	0.3MPa
Zero electric potential	-	E0=7pH±0.2	Eo=7pH	Eo=7pH
Thread	-	PG13.5	PG13.5mm	3/4NPT
Body material	ABS	Glass	Glass	PTFE
Application	Aquaculture, water testing,information data collec tion, water quality testing , industrial processt esting	Pharmaceuticals,food and beverages, semiconductor electronic, organic matter	Process measurement, electroplating plantspaper, beverage industry, wastewater,	Industrial wastewater, strong acid and alkali, surface cleaning, waste gas treatment
Cable length	5m 、 10m 、 15m (customizable)	5m 、 10m 、 15m (customizable)	5m 、 10m 、 15m (customizable)	5m、10m、15m (customizable)

contact@spare-link.com

Sensor



Sensor Parameters

Parameter	EC sensor	EC sensor	EC sensor	EC sensor
Model	SL-T DS-7001	SL-TDS-7002	SL-T DS-8001	SL-TDS-7003
Measurement range	0.01 sensor: 0.01 ~2 0 0us/cm;.1 sensor: 0.1~ 200us/cm; 1.0 sensor: 1~2000us/cm	10us/cm~500ms/cm	(0~ 9999)uS/cm; (10.0 0~70.00)mS/cm; (0~9999)ppm; (0~40.00)ppt	0.1us/cm-70ms/cm
Temperature range	0-50℃	0-50℃	0~60℃	0~80℃
Temperature compensation	NTC10K (PT1000, PT100(optional) NTC2.252K	NTC10K (PT1000 PT100(optional) NTC2.252K	2%/℃	NT C22K
Thread	G3/4,NPT3/4	NPT3/4(optional G3/4)	-	G3/4, 3/4NPT
Body material	SUS316	PBT	PPS	PPS+POM+GrapHite
Application	Thermal power, chemical fertilizer, environmental protection, metallurgy, biochemistry, etc.	Water treatment, seawater, acid-base measurement	Aquaculture,environmental water treatme process and o nt,industriat her industries	Pure water,waste water treatment,mariculture, semiconductor,power
Cable length	5m 、 10m 、 15m (customizable)	5m 、 10m 、 15m (customizable)	5m 、 10m 、 15m (customizable)	5m 、 10m 、 15m (customizable)

Parameter	Turbidity sensor	Turbidity sensor	Optical DO sensor	Optical DO sensor
Model	SL-PTU-8011	SL-PTU-8012	SL-DO-7012	SL-DO-7017
Measurement range	0.01-4000NTU	0.001-100NTU	0-20mg/L; 0-200%saturation	0 -20mg/L
Temperature range	0- 45℃	0- 45℃	0- 45℃	0- 45℃
T emperature compensatio n	-	-	NTC	-
Thread	-	-	-	-
Body material	SUS316L Titanium alloy	ABS+SUS316L	SUS316L Titanium alloy	SUS316L
Application	Wastewater varius reatment water for industrial processes	Waterworks,direct drinking,water systems ,industrial production	Waterworks,surface water,various water industrial process	Wastewater,surface water ,regulating pool s,biochemical ponds,industrial for production process
Cable length	5m 、 10m 、 15m (customizable)	5m、 10m、 15m (customizable)	5m 、 10m 、 15m (customizable)	5m、 10m、 15m (customizable)

Flowmeter Parameters

Parameters	Electromagnetic flowmeter	Remote-type electromagnetic flowmeter	Stainless steel body electromagnetic flowmeter
Model	SL-GDL	SL-GDL	SL-GDL
Applicable medium	Conductive liquid	Conductive liquid	Conductive liquid
Nominal diameter	DN15-DN1000	DN10-DN1000	DN15-DN1000
Nominal pressure	0.6~1.6MPa	0.6~1.6MPa	0.6~1.6MPa
Accuracy	±0.3%,0.5%	±0.5%	±0.5%
Range ratio	10:1	10:1	10:1
Body Material	Carbon steel	Carbon steel	Stainless steel
Operation Condition	Medium temperature:-10~120℃ Ambient temperature:-10~55℃ Relative humidity :5%~95%RH Atmospheric pressure :86kPa~106kPa	Medium humidity: -20~120℃ Ambient temperature: convertor:-1 0~60℃; sensor:-10~55℃ Relative humidity: 5%~95%RH Atmosphericpressure:86kPa~106kPa	Compact type: -10~80℃ Remote type: -25~180℃ Ambient temperature:-10~60℃ Relative humidity:5%~95%RH
Signal output	4~20mA/Pulse/frequency	4~20mA/Pulse/frequency	4~20mA/Pulse/frequency
Communication	RS485	RS485	RS485
Power supply	85~245VAC 50/60Hz 22~26VDC	85~245VAC 50/60Hz 22~26VDC	85~245VAC 50/60Hz 22~26VDC
Electrical connection	M20×1.5 Thread	M20×1.5 Thread	M20×1.5 Thread
Ingress protection	IP65	IP65/IP68	IP65
Installation	Flange/clamp	Flange/clamp	Flange/clamp

Turbine flowmeter	Vortex flowmeter	Wall mounted ultrasonic flowmeter
SL-LWGY	SL-BGUL	SL-J8511
Liquid	Gas, liquid, steam	Water
DN4-DN200	DN15-DN300	DN25-DN600
0.6~4.0MPa	1.0~2.5MPa	-
±0.5%,±1%	±1.5%	±1.0%
1:10,1:15,1:20	8:1	Customizable
Stainless steel	Stainless steel	PC/ABS
Mediu mtemperatu re:-20~120℃ Ambient temperature :-20~60℃ Relative humidity:5%~90%RH Atmospheric pressure:86kPa~106kPa	Medium temperature :-40~300℃ Ambient tempera ture:-20~55℃ Relativehumidity:5%~95%RHAtmosph eric pressure:86kPa~106kPa	Transmitter:14 °F to122 °F (-10~50°C) Transducer:32 °F to176 °F(0~80°C) Relativ ehumidi ty:0%~9 0%RH
4~20mA/Pulse signal	4~20mA/Pulse signal	OCT Pulse output: 0-5000Hz. Analog output:4~20mA,max load 750Ω RS485 MODBUS
RS485	RS485	10~36VDC/1A
24VDC/3.6V battery/12VDC	24VDC/3.6V battery	-
M20×1.5 Thread	M20×1.5T thread	IP65
IP65	IP65	Wall mounted
Flange/clamp/thread	Flange	

Introduction

L D G-SUP-SL Intelligent electromagnetic flowmeter bases on the mature Faraday's law of electromagneti c.The main compositions are: Measuring tube, electrode, excitation coil, pipe lining and converter. It is mainly used for volume measurement of conductive liquid flow in the closed pipeline. Including strong corrosive liquid, such as acid, alkali, salt, etc.The product is widely used in petroleum, chemica l,metallurgical, textile, food, ph armaceutical, paper and other industries, as well as environmental protection, mu nicipal administration, water conservancy construction and other fields .

Introduction

SL-LUGB Vortex flowmeter has high reliability and small maintenance without the movable mechanical parts. The instrument parameters can be stable for a long time. Vortex flowmeter adopts the Piezoelectric stress sensor with high reliability and can work within the range of working temperature -20 to +250°C. There is a simulated standard signal and a digital signal output. It is easy to match with the computer and other digital systems. It is an advanced and ideal measuring instrument.

SL-LDG Electromagnetic flowmeter

Features

- Small pressure loss and high Accuracy
- Strong adaptability and compatibility of various pipes
- Stable and reliable, strong anti-interference
- Good linearity of measure, high repeatability
- Wide measuring range, complete series
- No mechanical inertia, sensitive reaction parameters

Parameters

Name	Electromagnetic flowmeter
Accuracy	±0.3%, ±0.5%
Nominal pressure	0.6-1.6MPa
Power supply	85~245VAC, 50/60Hz, 22VDC~26VDC
Electrode type	316L electrode (standard): HB/HC alloy electrode (strong acid and alkali environment) titanium electrode;Tantal um electrode;Tungs ten carbide electrode; Platinum electrode
Range ratio	10:1
Work environment	Sensor: -10~120℃ converter: -10~55℃
Medium	>5us/cm
Flow direction	Bi-directional
Output signal	4~20mA, pulse, frequency
Communication	RS485 modulus-RTU, HART
Installation	Flange/clamp

SL-LUGB Vortex flowmeter

Features

- Compatible with many medium
- Dual power supply selection
- Display of parameters on the same screen
- Integrated temperature and pressure compensation
- Small-flow cutting
- Intelligent anti-jamming

Parameters

Name	Vortex flowmeter
Nominal diameter	DN15 ~ DN300
Nominal pressure	Flange(PN25), flange(PN10/PN25)
Accuracy	±1.5%
Power supply	24VDC; Battery powered 3.6V
Range ratio	8:1
Ingress protection	IP65
Environmental conditions	Temperature: -20℃~55℃ ,relative humidity: 5%-90%RH, atmospheric pressure: 86-106kPa
Signal outputs	4~20mA, pulse, frequency
Applicable medium	Gas, liquid, steam

Pressure

Pressure Transmitter Parameters

Parameters	Pressure transmitter	Digital display pressure transmitter	High temperature pressure transmitter
Model	SL-003P	SL-003PX	SL-G0003P
Power supply	8~32VDC	12~36VDC	24VDC
Output signal	4~20mA, 1~5V,0~10V 0~20mA, 0~5V, RS485, etc.	4~20mA,1~5V,0~10V,0~5V	4~20mA,1~5V,0~10V,0~5V,20~4mA
Pressure range	-0.1~60MPa	-0.1~60MPa	-0.1~60MPa
Temperature compensation	-10~70	-10~70	-10~70
Storage temperature	-40~85	-40~125	-40~85
Medium temperature	-20~85	-20~85	0~250
Ingress protection	IP65	IP65	IP65
Pressure type	Gauge pressure, absolute pressure, sealed pressure	Gauge pressure, absolute pressure, sealed pressure	Gauge pressure, absolute pressure, sealed pressure
Accuracy	0.3%, 0.5% optional	0.3%, 0.5% optional	0.3%, 0.5% optional
Zero temperature drift	±0.03%F.S/	±0.03%F.S/	±0.03%F.S/
Sensitivity temperature drift	±0.03%F.S/	±0.03%F.S/	±0.03%F.S/
Overloading pressure	150%F.S	200%F.S	200%F.S
Long-term stability	±0.2%F.S/y	±0.2%F.S/y	±0.5%F.S/y
Frequency	5kHz~650kHz	5kHz~650kHz	5kHz~650kHz
Electrical connections	Direct lead/ aerial linker/Din connector (Customizable)	Direct lead/ aerial linker/Din connector (Customizable)	Direct lead/ aerial linker/Din connector (Customizable)
Measuring medium	Oil, water, gas, etc.	Oil, water, gas, etc.	Oil, water, gas, etc.
Process connections	Threaded/sanitary/flange	Threaded/sanitary/flange	Threaded/sanitary/flange

Digital pressure gauge	Pressure transmitter	Monocrystalline silicon pressure transmitter	Differential pressure transmitter
SL-062Y	SL-004PX	SL-0003P	SL-1502
3Vbattery powered	9~32VDC	24VDC	24VDC
-	4~20mA, 1~5V, 0~10V 0~20mA, 0~5V, RS485,etc.	4~20mA, 1~5V, 0~20mA, 0~5V, etc.	4~20mA, 1~5V, 0~20mA, 0~5V, etc.
-0.1~60MPa	-0.1~60MPa	-0.1~60MPa	-100KPa~3MPa
-10~70℃	-10~70℃	-10~70 ℃	-10~70 ℃
-40~125℃	-40~85℃	-50~85 ℃	-50~85 ℃
-20~85℃	-20~85℃	-40~100 ℃	-40~100 ℃
IP65	IP65	IP67	IP67
Gauge pressure, absolute pressure, sealed pressure	Gauge pressure, absolute pressure, sealed pressure	Gauge pressure, absolute pressure,	Differential pressure
±0.5%	0.2%/ 0.25%/ 0.5% optional	0.075%F.S,±0.1%FS	0.075%F.S,±0.1%FS
±0.03%F.S/ ℃	±0.03%F.S/ ℃	±0.03%F.S/ ℃	±0.03%F.S/ ℃
±0.03%V/ ℃	±0.03%F.S/ ℃	±0.004%F.S/ ℃	±0.004%F.S/ ℃
<40MPa 150%FS ≥40MPa 120%FS	0.035~10MPa 150%FS 10~60MPa 125%FS	200%F.S	200%F.S
±0.2%F.S/y	±0.2%F.S/y 5kHz~650kHz	±0.1%F.S/3y	±0.1%F.S/3y
5kHZ~650kHz		5kHz~650kHz	5kHz~650kHz
-	M20*1.5	M20*1.5	M20*1.5
Oil, water, gasetc.	Oil, water, gas,etc.	Oil, water, gas , etc.	Oil, water, gas, etc.
Threaded	Threaded/sanitary/flange	Threaded	Threaded

Introduction

The SL-003P adopts diffused silicon pressure sensor as the sensitive element, and the built-in processing circuit converts the millivolt signal of the sensor into standard voltage, current and frequency signal output, which can be directly connected with the computer, controller, and display instruments, etc. Remote signal transmission can be carried out. Product installation is convenient, with extremely high seismic and impact resistance.

Introduction

SL-062Y digital display pressure gauge is a high accuracy intelligent digital pressure gauge. It has high accuracy pressure sensor , which can display the pressure accurately and real-time, and has the characteristics of high accuracy and good long-term stability.

The digital pressure gauge is equipped with a large size LCD, with reset, backlight, can be easily operated and installed, unit switching, low voltage alarm and other functions, can easily operate and install.

SL-003P Pressure transmitter

Features

- Over-voltage and over-current protection circuit
- Strong anti-overload and anti-shock resistance and anti-interference ability
- Wide practicability, high stability and long service life
- High protection level to meet a wide range of needs
- The laser trimming resistance to give a temperature compensation, and make it be used in a wide range of temperature
- Surge voltage prevention, reverse polarity protection
- Small and exquisite , and can be installed easily
- Imported diffusion silicon chip, suitable for measuring under different pressure conditions

Parameters

Pressure range	-0.1~60Mpa
Output signal	4~20mA,1~5V,0~10mA,0~20mA,0~5V,RS485
Accuracy	0.3% 0.5%
Pressure type	Gauge pressureAbsolute pressureSeal pressure 8-
Power supply	32VDC
Compensation temperature	-10~70℃
Media temperature	-20~85℃
Storage temperature	-40~85℃
Overloading pressure	150%F.S
Frequency	5kHz~650kHz
Ingress protection	IP65

SL-062YDigital pressure gauge

Features

- One click to reset in convenient use
- High quality 304 stainless steel gauge with resistance and durability
- With a variety of measuring units, one key switch for more economical use
- With temperature compensation, small temperature coefficient for more accurate measurement.
- With maximum 1.5 times range overload and more peak recording function for more reliable use.
- With four-digit LCD display for accurate and intuitive reading Graphic
- pressure percentage and battery power display
- With white backlight for easy checking at night

Parameters

Pressure range	-0.1~60Mpa	Sampling frequency	3 times/s
Pressure type	Gauge pressure, negative gauge pressure	Display screen	Four digits LCD display screen
Overload Capacity	＜40MPa 150%;≥40MPa 120%	Backlight Color	White
Accuracy	±0.5 %	Measuring medium	Air, water, oil etc.
Long-term stability	±0.2%F.S/year	Electromagnetism compatibility	EMI resistant design, in line with EN61326
Battery type	3V (2 cells of AAA battery)	Data memory	Permanent EEPROM
Battery life	≥12 months (subject to the specific use condition)	Peak record	Yes (partial specification products)

Level

Level Transmitter Parameters

Parameters	Ultrasonic level transmitter	Ultrasonic level transmitter	Submersible level sensor
Model	SL-PM 200	SL-ULS-B	SL-162XP
Range	0-10m	0-15m	0-200m
Accuracy	±0.5%F.S	±0.5%F.S	0.5%F.S
Temperature drift	-	-	≤0.03F.S/℃
Medium temperature	-20~70℃	-20~80℃	-10~65℃
Overload pressure	-	-	≤150%F.S
Power supply	14-28VDC	100-240VAC50/60Hz;18-28 VDC	12-30VDC
Environment temperature	Converter:-20~60℃ Sensor:-20~80℃	Converter:-20~60℃ Sensor:-20~80℃	-20~65℃
Ingress protection	IP65	Converter:IP65 Sensor:IP68	Sensor.IP68 2088 Wlring:IP65
Output signal	4~20mA,RL≤500Ω	4~20mA Output precision:±0.5%FS RL≤500Ω	4~20mA,1~5V,0~10mA , 0~20mA,0~5V
Relay output	2 relay (250VAC 3A)	2 relay (250VAC 3A) 4r ela y (optional)	-
Communication	RS485	RS485	RS485
Material	Engineering plastics	Body:cast aluminum Cover:PA	Diaphragm: SS316L ; Body:SS304L;Cable:PE
Process connection	Thread	Thread/flange	-

Parameters	Submersible level sensor	Submersible level sensor	Submersible level sensor	Submersible level sensor
Model	SL-062P	SL-062P-M2	SL-062P-M3	SL-P260-M4
Range	0 - 200m	0m-100m	0m-50m	Level:(0-100)m Temperature :(0-50)℃
Accuracy	0.5%FS	0.5%FS	0.5%FS	Temperature :1.5%FS Level:0.5%FS
Temperature drift	≤0.03F.S/℃	±0.05F.S/℃	±0.05F.S/℃	±0.05F.S/℃
Medium temperature	-10~65℃	-30~65℃	-20~ 65℃	-20~65℃
Overload pressure	≤150%F.S	≤150%F.S	≤150%F.S	≤150%F.S
Power supply	12-30VDC	12-30VDC	12-30VDC	
Environment temperature	-20 ~65℃	-30~65℃	-20 ~ 65℃	12-30VDC
Ingress protection	IP68	IP68	IP68	-20~65℃
Output signal	4~20mA, 1~5V ,0~ 5V	4~20mA	4~20mA	IP68
Relay output	-	-	-	RS485
Communication	RS485	RS485	RS485	-
Material	Diaphrag m: SS316L ; Body:SS304L;Cable:PE -	Cable:PE	Cable:PE	RS485
Process connection		-	-	Cable:PE
				-

Level Transmitter Parameters

Parameters	Radar level transmitter	Radar level transmitter	Radar level transmitter
Model	SL-107RD	SL-209RD	SL-T209RD
Range	0-30m	0~30m	0~20m
Accuracy	±5mm(5m range) ±10mm(10m range) ±20mm(20m range) ±25mm(30m range)	±5mm(5m range) ±10mm(20m range) ±15mm(30m range)	±10mm
Medium temperature	-40~85℃	-40~85℃	-40~85℃
Power supply	16~26 VDC	16~2 6VDC	16~26VDC
Environment temperature	-40 ~ 250℃	-20~80℃	-20~80℃
Ingress protection	IP67	IP67	IP67
Output signal	4-20mA	4-20mA	4-20mA
Relay output	-	-	-
Communication	RS485	RS485	RS485
Material	Aluminum	Aluminum	Aluminum
Process connection	Flange/thread	Flange/thread	Flange

Parameters	Radar level transmitter	Radar level transmitter	Radar level transmitter
Model	SL-309RD	SL-809RD	SL-0001RD
Range	0~70m	0~30m	5-30m(water);5-20m(solid)
Accuracy	±20mm(30m range)± 30mm(70m range)	±5mm(10m range) ±10mm(30m range)	0.1%FS
Medium temperature	-40~85℃	-40~85℃	-30~80℃
Power supply	16~26VDC	16~26 VDC	24VDC (22~30VDC)
Environment temperature	-20~80℃	-20~80℃	-20~70℃
Ingress protection	IP67	IP67	IP66
Output signal	4-20mA	4-20mA	4-20mA
Relay output	-	-	-
Communication	RS485	RS485	RS485
Material	Aluminum	Aluminum	Aluminum
Process connection	Flange	Flange/thread	Thread

Introduction

SL-MP ultrasonic level transmitter taking the advantages of various level measuring instruments, is a universal one characterized by total digitalized and humanized design. It has perfect level monitoring, data transmission and man-machine communication. The master chip is imported technical m single chip with relevant application specific ICs such as digital temperature compensation. It is featured by strong anti-interference performance; free setting of upper and lower limits and online output regulation, on-site indication.

Introduction

SL-062P submersible liquid level transmitter is based on the principle that hydrthoest atic pressure is directly proportional to the height of the liquid, and uses the piezoresistive effect of diffusion silicon to transform pressure into electrical signal. After temperature compensation and linear correction, it is converted to 4-20mADC standard current signal and output. It is easy to install and measures accurately. It is widely used in liquid level measurement of various medium in petrochemical, metallurgy, power, pharmaceutical, water supply and drainage, environmental protection and other industries.

SL-PM Ultrasonic level transmitter

Features

- Intelligent adjustment response
- Intelligent double-line display
- Intelligent adjustable range
- Processing of special echo
- All physical closed probe
- Multipoint emission circuit

Parameters

Model	SUP-SL-MP
Measurements range	0-10m
Accuracy	±0.5%F.S
Temperature drift	-
Media temperature	-20~70℃
Overload pressure	-
Power supply	14-28VDC
Ambient temperature	Converter:-20~60℃ Sensor:-20~80℃
Protection grade	IP65
Analog output	4～20mA RL>500Ω
Relay output	2 relay (250VAC 3A)
Communication	RS485
Material	Engineering plastics
Installation	Thread

SL-062P submersible level transmitter

Features

- Easy installation, easy to use, strong interchangeability
- Corrosion resistance, power supply is not required
- Good sealing performance, high reliability, safe use
- The high quality sensor with high sensitivity and fast response
- Wide measurement range, free from the limit of height of storage tank
- Strong anti-interference capability
- The anti blocking design can realize the measurement of the level of paste medium
- Various measured medium, not affected by the foaming or deposition of the medium

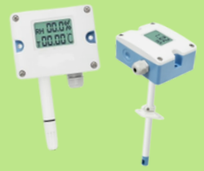
Parameters

Power supply	12-30VDC	Zero temperature drift	± 0.3% FS / 10℃
Signal output	4-20mA,1-5V,0-5V,RS485	Overload pressure	150%F.S
Range	0-100m	Long-term stability	≤0.2%F.S/year
Accuracy	0.5%F.S	Measurement medium	Liquid
Nonlinearity	≤0.5%F.S	Diaphragm material	316L stainless steel
Medium temperature	-10~65℃	Body Material	SS304 or SS316L
Environment temperature	-20~65℃	Ingress protection	IP68
Temperature compensation	-10~70℃		

PT. humidity , volumetric

Transmitters

Parameters	pressure level transmitter	Pressure gauge transmitter	Differential Pressure transmitter
Model	SL-858PM-TLF	SL-X503PMD	SL-2051LT
Range	0-30m	0-30m	-100kPa··· 0~0.1kPa··· 3MPa
Accuracy	±0.2%F.S	±0.5%F.S	±0.075%; ±0.01%FS
Temperature drift	-	-	≤0.03F.S/℃
Medium temperature	-20~110℃	-20~120 ℃	-10~65℃
Overload pressure	-	-	≤150%F.S
Power supply	14-28VDC	14-28VDC	12-30VDC
Environment temperature	Converter:-20~60 ℃ Sensor:-20~80 ℃	Converter:-20~60℃ Sensor:-20~80℃	-20~65℃
Ingress protection	IP 65	Converter:IP65 Sensor:IP68	Sensor.IP68 2088 Wlring:IP65
Output signal	4~20mA,RL＜500Ω	4~20mA Output precision:±0.5%FS RL≤500Ω	4~20mA,1~5V,0~10mA , 0~20mA,0~5V
Relay output			-
Communication	4-20mA analog output / with HART communication	4-20mA analog output / with HART communication	4-20mA analog output / with HART communication
Material	Diaphragm: SS316L ; Body:SS304L	Diaphragm: SS316L ; Body:SS304LThread/	Stainless steel 316L, Hastelloy C, supports other custom
Process connection	Tri-clamp 1-1/2 tri-clamp 2" DN32	1/2 NPT	- DN 80/2 ".DN 50/2 " .DN 80/3" etc-

Parameters	Submersible level sensor	 HUMIDITY TRANSMITTER	Differential Pressure transmitter	Submersible level sensor
Model	SUP-SL-P260	SL-101HFL	SL-08MFL	SUP-SL-P260-M4
Range Accuracy	0 - 200m	-20~60℃,5%~95%RH	0~±100Pa,0~±1000Pa,	Level:(0-100)m Temperature :(0-50)℃
Temperature drift	0.5%FS	0.5%FS		Temperature :1.5%FS Level:0.5%FS
Medium temperature	≤0.03F.S/℃	±0.05F.S/℃		±0.05F.S/℃
Overload pressure	-10~65℃	-30~65℃	-20~ 65℃	-20~65℃
Power supply	≤150%F.S	≤150%F.S	≤150%F.S	≤150%F.S
Environment temperature	12-30VDC	12-30VDC	10~30VDC,12~30VDC,	12-30VDC
Ingress protection	-20 ℃ ~65	-20 ~ 65℃ - IP65	IP54	-20~65℃ IP68
Output signal	IP68 4~20mA, 1~5V ,0~ 5V	4~4-20mA, 0-10V, RS485/Modbus	4~20mA, 0~10VDC, 0~5VDC,RS485	RS485
Relay output	-	-	-	-
Communication	RS485	RS485	RS485	RS485
Material	Diaphrag m: SS316L ; Body:SS304L;Cable:PE -	Cable:PE	UL94-V0/ABS industrial plastics-	Cable:PE
Process connection		-		-

Temperature

Temperature Parameters

Parameters	Temperature sensor	Temperature sensor	Temperature sensor
Model	SL-KPZW	SL-KPZW	SL-NRW
Range	-200 ℃~450 ℃	-200℃~450 ℃	0℃1600 ℃
Signal type	Resistance signal	Resistance signal	Millivolt signal
Application	Applicable to a variety of conventional environments	Applicable to a variety of conventional environments	Used in Temperature measurement of boilers dry furnaces, the oven, etc.
Matching instrument	Temperature transm itter	Temperature transmitter	Temperature transmitter
Type of connections	Terminal box	Terminal box	Terminal box
Sensor type	Pt100 Pt1000 Cu50 Cu100		B、N、E、J、K、R、S、T
Protective accessories	304 stainless steel (other materials can be customized)		High temperature ceramic
Ingress protection	IP67	IP67	IP67
Optional	Insulating type	Insulating type	Insulating type
Process connection	Thread, flange, clamp, sleeve	Thread, flange, clamp, sleeve	Thread, flange, clamp, sleeve

Parameters	Temperature transmitter	Temperature sensor	Temperature sensor
Model	SL-005TS	SL-YPZW	SL-PTZW
Range	-	-200~450-200~4 50 ℃ ℃	℃ ℃
Signal type	4~20mA, 1~5V,1~10V, HART(optional)	Resistance signal resistance signal	
Application	RTD:PT100,Cu50 TC: K,B,E,J,S,T,R,N, 0-4500Ω	Applicable to a variety of conventional environments	Usually used for temperature measurement of gas and liquid inside pipes
Matching instrument	Programmable	Support temperature control meter, PLC, inverter and other terminal secondary instruments	Support temperature control meter, PLC, inverter and other terminal secondary instruments
Type of connections	Wire	Wire Wire	
Sensor type	-	Pt100、Pt1000、Cu50、Cu100	
Protective accessories	-	304 stainless steel (other materials can be customized)	
Ingress protection	-	IP68	IP68
Optional	-	-	-
Process connection	-	-	-

Signal Generator

Introduction

SL-S307 signal generators have measurement and output functions of many signals, including voltage, current, and TC; adopt LCD and silicone keypad with clear functions, operation is easy, stand-by time is long, Accuracy is high, and there is programmable output function.

Generator Parameters

Parameters	Signal generator	Signal generator
Model	SL-S307C	SL-307C
Measure		
MA (maximum accuracy)	±2%F.S	±2%F.S
DC voltage	0~30V	0~30V
DC voltage	0~24mV, 0~100mV	0~24mV, 0~100mV
AC voltage	-	-
DC current	0~24mA, 4/8/12/16/20mA	4/8/12/16/20mA
AC current	-	-
Electric current loop	-	-
Pulse-counting	-	-
Frequency	-	-
Resistance	0~400Ω	0~400Ω
TC	8types	8types
RTD	PT100	-
Source		
DC voltage	0~15V	0~15V
DC voltage	0~20mV/0~100mV	0~20mV/0~100mV
DC voltage	0~24mA	0~24mA
Analog transmitter	0~24mA	0~24mA
Frequency	-	-
Resistance	15~400Ω	15~400Ω
TC	8types	8types
RTD	-	-
Output of 24V	Yes	Yes
Number of digits	4	4
Power supply	4 AAA batteries or 5V/1A power adapter	4 AAA batteries or 5V/1A power adapter

SL-S307C Signal generator

Features

- With 8 TC input and output functions, as well as range transformation and programming output functions
- Adding 4 function switch button on the side, and it can set up the system function freely according to the field demand
- If in display mode, the measurement signal and the output signal can be displayed at the same time, and the data viewing is more convenient

Parameters

Ⅰ、Measure

Signal	Signal type	Scope	Accuracy	Resolution ratio	Notes
DC voltage	20mV	0.00~24.00mV	±0.2%	0.01mV	
	100mV	0.0~100.00mV	±0.2%	0.1mV	
	V	0.00~30.00V	±0.2%	0.01V	Measured input impedance 1.2 MΩ
DC voltage	mA	0.00~24.00mA	±0.2%	0.01mA	There is Active current
	4~20mA	4/8/12/16/20mA	±0.2%	0.01mA	
Passive current	mA	0.00~24.00mA	±0.2%	0.01mA	External Power Output 16 - 30V
Power distribution	24VLOOP	24V/16V	10%	-	Drive current 24mA
TC	K	0~1372 ℃	±1%	1 ℃	Output range start from 0 ℃ without negative humidity
	E	0~1000 ℃	±1%	1 ℃	
	J	0~1200 ℃	±1%	1 ℃	
	T	0~400 ℃	±1%	1 ℃	
	R	0~1768 ℃	±1%	1 ℃	
	B	250~1820 ℃	±1%	1 ℃	
	S	0~1768 ℃	±1%	1 ℃	
	N	0~1300 ℃	±1%	1 ℃	
RTD	Pt100	-199~650 ℃	±0.2%	0.1 ℃	
Ω	Ω	0~400Ω	±0.2%	0.1 ℃	

Ⅱ、Source

Signal	Signal type	Scope	Accuracy	Resolution ratio	Notes
DC voltage	20mV	0.00~24.00mV	±0.2%	0.01mV	
	100mV	0.0~100.00mV	±0.2%	0.1mV	
	V	0.00~15.00V	±0.2%	0.01V	Maximum power output 30mA
DC voltage	mA	0.00~24.00mA	±0.2%	0.01mA	There is Active current
	4~20mA	4/8/12/16/20mA	±0.2%	0.01mA	
Passive current	mA	0.00~24.00mA	±0.2%	0.01mA	
TC	K	0~1372 ℃	±1%	1 ℃	Cold junction compensation errors are not included in the accuracy
	E	0~1000 ℃	±1%	1 ℃	
	J	0~1200 ℃	±1%	1 ℃	
	T	0~400 ℃	±1%	1 ℃	
	R	0~1768 ℃	±1%	1 ℃	
	B	250~1820 ℃	±1%	1 ℃	
	S	0~1768 ℃	±1%	1 ℃	
	N	0~1300 ℃	±1%	1 ℃	
RTC	Pt100	-199~650 ℃	±0.2%	0.1 ℃	
Ω	Ω	15~400Ω	±0.2%	0.1 ℃	

Signal Isolator

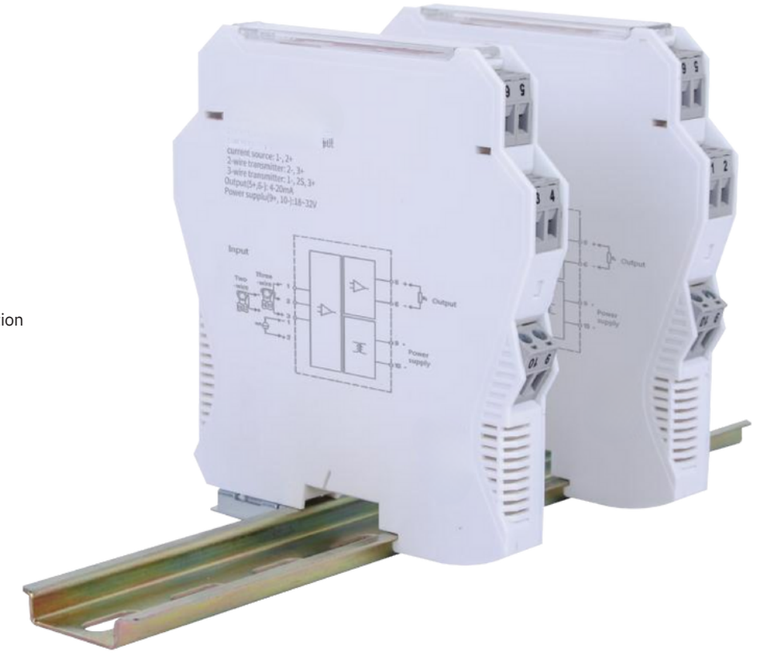
Introduction

SL-S206 current/voltage signal isolator processes the input current signal and outputs the isolated single or dual current/voltage signals, the input, output, and power terminals are isolated.
It has fast response, low power consumption, and low-temperature characteristics, which can be used together with various instruments like DCS, PLC etc, supporting the use of major projects in the petroleum, chemical, manufacturing, power, metallurgical other industriel application

Isolator Parameters

Parameters				
Model	SL-S206	SL-S11306	SL-Y104	SL-Y204
Input signal	0 4 ~20mA 0~10mA 0	RTD, TCmV 0（4）	4~20mA	4~20mA、0~20mA、1~5V、0~5V、0~10V
Output signal	4 ~20mA 0~10mA 0 1 ~5V 0~10V	~20m4A、0~10mA 0（1）~5V、0~10V	1~5V 4~20mA、	4~20mA 0~20mA、0~5V、1~5V、0~10V
Power supply	18~32VDC	18~32VDC	20~30VDC	20~30VDC
Installation	35mm DIN-rail mounting -	35mm DIN-rail mounting	35mm DIN-rail mounting	35mm DIN-rail mounting
Linearity	-±0.1%FS 25 ±2	-	-	-
Resolution ratio		-	-	-
Accuracy		±0.1%FS 25 ±2	±0.1%FS	±0.1%FS
Insulation and voltage resistance	≥100mΩ	≥100mΩ	≥100mΩ/500VDC	≥100mΩ/500VDC
Unbalanced voltage	-	-	-	-
Output temperature	≤40PPM/ ℃	< ℃ 40PPM/	-	-
Frequency bandwidth	20~5kHz	20~5kHz	-	-
Current consumption	5mA+output current	5mA+output current	≤45mA(1input 1 output) ≤58mA(1input 2 output) ≤70mA(2input 2 output)	≤22mA(1input 1 output) ≤35mA(1input 2 output) ≤45mA(2input 2 output)
Loading capacity	Voltage ≥2mΩ	30 times nominal input	-	-
Response time	.5s	0.5s	0.5s	0.5s
Operating temperature	-20 ~+60	-20 ~+60	-20 ~+60	-20 ~+60
Storage temperature	-40 ~+80	-40 ~+80	-40 ~+80	-40 ~+80
Working principle	Electromagnetic isolation	Electromagnetic isolation	Electromagnetic isolation	Electromagnetic isolation

SL-S206 Distribution isolator



Features

- 0.1% high Accuracy measuring device
- Quick response in milliseconds
- Three-terminal isolation; Linear correction
- Strong isolation; High turnover
- Low temperature drift

Parameters

Power supply	18-32VDC	Insulation resistance	≥100MΩ(among input/output/power supply)
Power consumption	24VDC ,single-channel input, single-channel output 0.6W; 24VDC ,single-channel input, double-channel output 1.5W	Input signal	0(4 ～20mA;0 10mA; 5V) ～0 10V;～ 0(1)
Output signal	0(4)20mA; 010mA; 0(1)5V; 010V	Output load capacity	0(4)～20m ：≤550Ω； 0～10mA: ≤1kΩ 0(1)～A 5V ≥1MΩ；0～10V：≥2MΩ；
Power distribution voltage	Open circuit voltage ≤26V,full load 20mA output voltage ≥17.5V	Operation temperature	-20℃～+60℃
Output ripple	≤5mVrms （Load250Ω）	Temperature drift	≤40ppm/℃
Input impedance	About 100Ω	Accuracy of isolated transmission	±0.1%F·S（25℃±2℃）