



Recorder



Flow



Pressure



Temp



Analyzer



Level

Datasheet

Submersible Level Transmitter

SIN-P260G

Sinomeasure

Committed to process automation solutions

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Datasheet**Submersible Level Transmitter**

The gas collecting cylinder type liquid level transmitter is composed of a stainless steel gas collecting cylinder, a stainless steel capillary tube and a 2088 junction box. The sensor and signal processing circuit are designed inside the junction box, and the gas cylinder is put into the inside of the liquid to be measured, and is responsible for collecting the pressure signal. The liquid level pressure signal collected by the gas in the gas collecting cylinder transmits the pressure to the sensor through the stainless steel capillary tube, thus avoiding the direct contact between the sensor and the measured medium, adapting to high-temperature corrosive occasions, and effectively solving the high-temperature corrosive liquid and Difficulties in sewage level measurement.

Features

- Piezoresistive silicon chip employed
- MEMS technology
- Excellent long term stability
- Hart protocol selectable
- CE certificate

**Application**

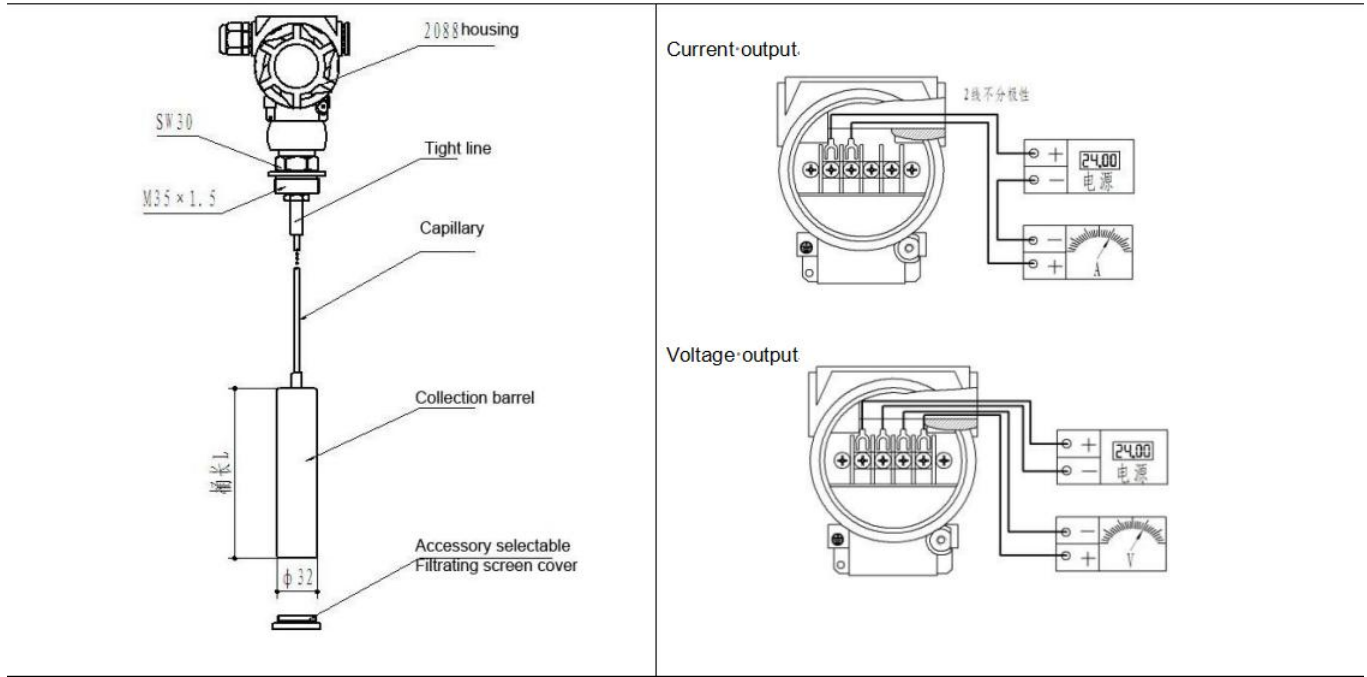
- Wells
- Reservoirs
- Lakes
- Rivers
- Sewage treatment plant
- Water tank
- Ground water monitoring

Submersible Level Transmitter

Parameter

Pressure range	0.5m, 1m, 2m, 5m, 10m
Output	4~20mA , 0~5V, 0~10V
Accuracy	±0.5%F.S. (Typical)
Overpressure	300%F.S.
Supply	24VDC
Compensated temp.	-10℃ -70 ℃ (Typical) 0℃ -60 ℃ (<10mH2O)
Operating temp.	-20℃ -85℃
Medium temp.	-40℃ -200℃
Storage temp.	-40℃ -125 ℃
Zero temp. coefficient	≤±1.5%F.S./ ℃
Span temp. coefficient	≤±1.5%F.S./ ℃
Long term stability	≤0.2%F.S.S./year
Probe housing material	Stainless steel 304, 316L
Sensor material	Stainless steel 316L
Ingress protection	IP68
Weight	250g(approx)

Dimension



Ordering code

SIN-P260G-01-K-0-LU-A1-M3-M1-WG-M1-05												Description
SIN-P260G	-	-	-	-	-	-	-	-	-	-	-	
Measurement Range	01											1m
	03											3m
	05											5m
	07											7m
	10											10m
	XX											Other
Accuracy	K											0.5 Class
Display Type	0											None
	1											Available
Thread Type				LU								M30×1.5 304SS
				FN								HG/T20592 PN10/40 DN32 304SS
				FD								HG/T20592 PN10/40 DN50 304SS
				FF								HG/T20592 PN10/16 DN100 304SS
				XX								Other
Output and Power Supply				A1								Two-wire 4-20mA
				R2								RS485,24VDC
				XX								Other
Diaphragm Material				M3								SS316L
Probe Material				M1								304SS
				M3								SS316L
Electrical Interface, Housing Material, and Ingress Protection								W				M20×1.5 Cable Gland, Aluminum Alloy,IP65
								G				
Capillary Material								M1				304SS
								M3				SS316L
Capillary Length (Recommended cable length ≥ measurement range)										01		1m
										03		3m
										05		5m
										07		7m
										10		10m
										XX		Other

Note: Only one of communication output and transmission output can be selected