

Datasheet
Submersible Level Transmitter
SUP-P260G

Supmea

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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

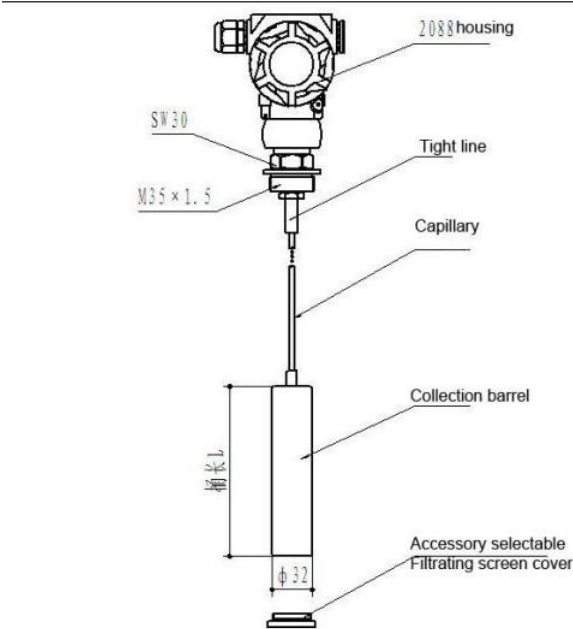
- Wells
- Reservoirs
- Lakes
- Rivers
- Sewage treatment plant
- Water tank
- Ground water monitoring

Submersible Level Transmitter

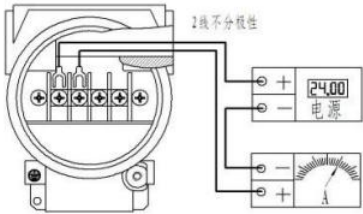
Parameter

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)

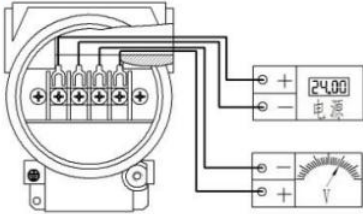
Dimension



Current output



Voltage output



Ordering code

SUP-P260G-01-K-0-LU-A1-M3-M1-WG-M1-05													Description
SUP-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
					A1								Two-wire 4-20mA
Output and Power Supply					R2								RS485,24VDC
					XX								Other
Diaphragm Material						M3							SS316L
Probe Material							M1						304SS
							M3						SS316L
Electrical Interface, Housing Material, and Ingress Protection										WG			M20×1.5 Cable Gland, Aluminum Alloy,IP65
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