

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

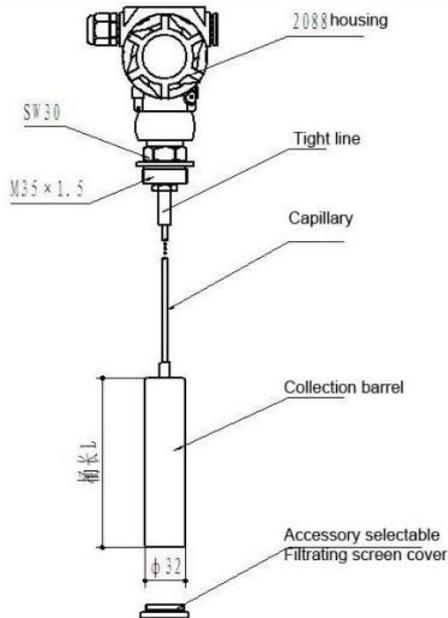
- Wells
- Reservoirs
- Lakes
- Rivers
- Sewage treatment plant
- Water tank
- Ground water monitoring

### Submersible Level Transmitter

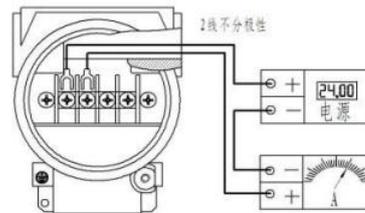
## Parameter

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°C -70 °C (Typical)   0°C -60 °C (<10mH2O)
Operating temp.	-20°C -85°C
Medium temp.	-40°C -200°C
Storage temp.	-40°C -125 °C
Zero temp. coefficient	≤±1.5%F.S./ °C
Span temp. coefficient	≤±1.5%F.S./ °C
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)

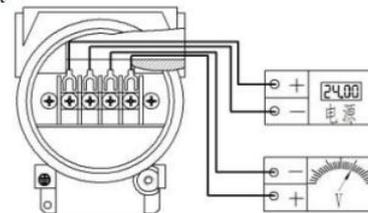
## Dimension



Current output:



Voltage output:



## Ordering code

SUP-P260G-01-K-0-LU-A1-M3-M1-WG-M1-05											Description	
SUP-P260G	-	-	-	-	-	-	-	-	-	-	-	
	01											1m
	03											3m
Measurement	05											5m
Range	07											7m
	10											10m
	XX											Other
Accuracy		K										0.5 Class
Display Type			0									None
			1									Available
				LU								M30×1.5 304SS
				FN								HG/T20592 PN10/40 DN32 304SS
Thread Type				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
										01		1m
										03		3m
Capillary Length										05		5m
(Recommended cable length $\geq$ measurement range)										07		7m
										10		10m
										XX		Other

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