



Datasheet

Level & Temperature transmitter

SUP-P260-M4

**Supmea<sup>®</sup>**

Committed to process automation solutions

Tel: 86-15158063876

E-mail: [info@supmea.com](mailto:info@supmea.com)

[www.supmea.com](http://www.supmea.com)

---

## Datasheet

The transmitter integrates Level and temperature measurement, is applied to fluid depth measurement at industrial areas, transfers measured depth value to standard signal such as (4~20)mA / (0~5)V/ RS485. The products with carefully designed, component screening, process verification and curing, cyclic loading and aging, environmental simulation testing and other processes to ensure that each product is stable and reliable. It matches various instruments, and is widely used in transportation, oil, chemical, metallurgical, light industry and other fields.

### Application

- Deep well and borehole measurements
- Level measurement in open bodies of water
- Sewage lift and pumping stations
- Settling ponds and rainwater basins
- Ground water monitoring
- Drinking water system
- Vessel and storage systems
- Overfilling and no-load operation monitoring
- Level measurement in rivers and lakes

### Features

- Slender design
- Level & Temperature 2 in 1
- Durable 316 SS construction for reliable, long life in harsh environments
- good long term stability
- Diaphragm is protected from physical damage and turbulence
- Excellent chemical compatibility for wide application use
- Ingress protection up to IP 68
- Optional cases



**Submersible level transmitter**

**Parameter**

**Relative pressure**

bar	0...0.25	0...0.4	0...0.6	0...1	0...1.6	0...2.5	0...4	0...5
mH2O	0...2.5	0...4	0...6	0...10	0...16	0...25	0...40	0...50
psi	0...3.6	0...5.8	0...7.8	0...14.5	0...23.2	0...36.2	0...58	0...72.5

The given measuring ranges are also available in mbar, kPa and MPa.

**Parameter**

Measure range	Level: (0~100) m Temperature : (0~50) °C
Accuracy	Temperature :1.5%FS Level:0.5%FS
Stability	±0.25%FS/Year
Zero temperature drift	±0.05%FS/°C
Sensitivity temperature drift	±0.05%FS/°C
Compensation temperature	0~50°C
Medium temperature	-20~65°C
Supply	12~30VDC
Output	RS485
Load resistance	Current mode: ≤ (U-12) /0.02(Ω)
Ingress Protection	IP68



	X							Other
Cable Length (Recommended cable length $\geq$ measurement range)	05							5m
	10							10m
	20							20m
	50							50m
	1H							100m
	XX							Other
Cable Sheath Material	N9							Polyvinyl Chloride
	N2							Polyurethane
	XX							Other

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

**Accessories**

Data logger



Panel meter



Panel meter

