

Datasheet

Level & Temperature transmitter

SUP-P260-M4

**Supmea<sup>®</sup>**

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## 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**

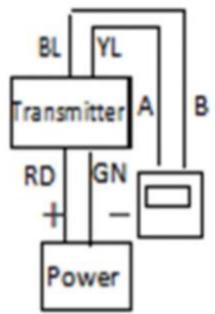
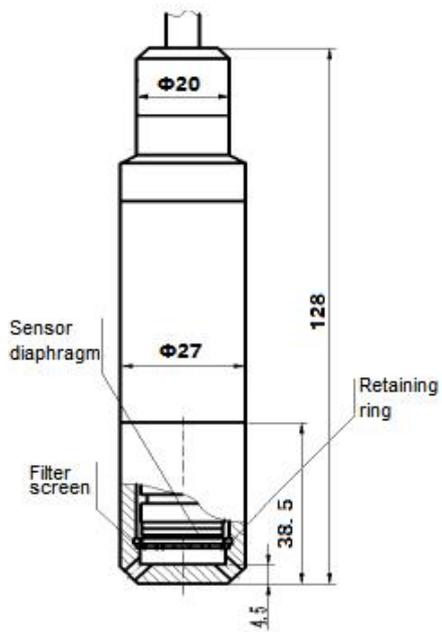
bar	0...0.25	0...0.4	0...0.6	0...1	0...1.6	0...2.5	0...4	0...5
mH2O	0...2.5	0...4	0...6	0...10	0...16	0...25	0...40	0...50
psi	0...3.6	0...5.8	0...7.8	0...14.5	0...23.2	0...36.2	0...58	0...72.5

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

**Dimension** **Wiring diagrams**



RS485 output:  
 Red:Vcc+  
 Green:Vcc-  
 Yellow:TX(A)  
 Blue:RX(B)  
 Black:Shield Wire

**Ordering code**

SUP-P260-M4-R(0~10)-J5-CT1-D0-V1-CS5						Description
SUP-P260-M4	-	-	-	-	-	
Range	R(XX~XX)					0~100m
Accuracy	J5					Level 0.5%FS Temperature 1.5%FS
Cable material		CT1				PE PU
Communication			D0			Without communication RS485
Power supply					V1	12~30VDC(Standard)
Cable length					CS5	5m(Standard)
					CSXX	Customized

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

Accessories

Data logger



Panel meter



Panel meter

