



Recorder



Flow



Pressure



Temp



Analyzer



Level

Datasheet

Anti-corrosion level transmitter

SUP-P262-B

Supmea[®]

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Datasheet**Anti-corrosion hydrostatic level transmitter****SUP-P262-B**

Anti-corrosive level transmitter is made of high-performance ceramic pressure sensor as the measuring element, which accurately measures the static pressure of liquid proportional to the depth of liquid level, and converts it into standard current, voltage or RS485 signal output through signal conditioning circuit to establish the linear correspondence between output signal and liquid level depth, and realise the measurement of liquid depth. The product is made of PTFE anti-corrosion material with excellent corrosion resistance, which is widely used in chemical plants for liquid level measurement of acidic, alkaline and other corrosive media.

Applications

- Wastewater
- Wet Wells
- Oil tanks
- Sumps
- Reservoirs
- Medical

Features

- High-performance ceramic pressure sensors
- Anti-corrosion type with good sealing
- Suitable for various occasions of industrial requirements
- Multi-protection structure design, high protection capability
- Simple and convenient installation

**hydrostatic level transmitter**

Parameters	
Pressure type	Gauge pressure
Range	0~1m...200m water column
Accuracy	1%,0.5% (range \geq 5 meters)
Output and power supply range	(4~20)mA output (10~32)V (0~10) V output (12~32) V RS485 output (8~32) V
Compensation temperature	(0~70)°C
Medium temperature	(-40~125)°C
Storage temperature	(-40~85)°C
Temperature drift	\pm 3%FS
Overload pressure	200%FS
Long-term stability	\pm 0.5%FS/year
Response time	Current, voltage output type pressure \leq 10ms (up to 90% FS); RS485 output type pressure \leq 100ms (up to 90% FS)
Insulation resistance	20M Ω /250VDC
Ingress protection	IP68
Load resistance	(4~20) mA output: load resistance \leq (U-10V)/0.02A, U is the supply voltage; Voltage output: load resistance \geq 5k Ω

Wiring

■ Current output type

Red line: 24VDC

Blue line: current output

■ Voltage output type

Red wire: 24VDC

Blue wire: power negative

White wire: Voltage output +

■ RS485 output type

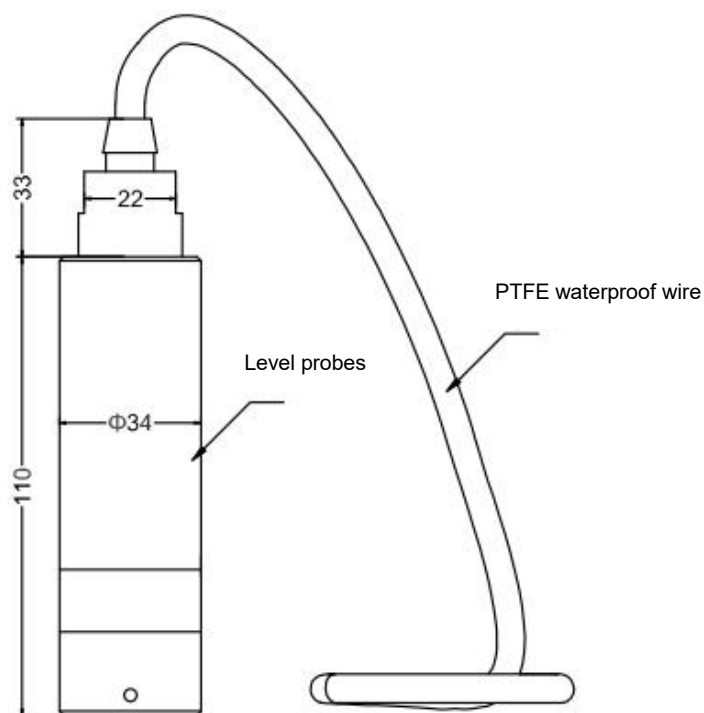
Red wire: 24VDC

Blue wire: power negative

White wire: 485A

Black wire: 485B

Dimension



Ordering code

SUP-P262-B-03-L-A1-WA-0-N6-5														Description
SUP-262-B	-	-	-	-	-	-	-	-	-	-	-	-	-	
Range	01													1m
	03													3m
	05													5m
	10													10m
	20													20m
	50													50m
	XX													Other
Accuracy	L													1%
	K													0.5%(≥5m)
Output and power supply		A1												2-Wire 4-20mA
		R2												RS485, 24VDC
		V2												0-10V, 24VDC
		V1												0-5V, 24VDC
		XX												Other
Electrical interface, housing material and ingress protection		WA												Direct Lead, IP68
		WG												M20 x 1.5 Cable Plug, Aluminium, IP65
Display Type					0									None
					1									Available
Probe Material						N6								Polytetrafluoroethylene
Cable Length						03								3m
						05								5m
						10								10m
						20								20m
						50								50m
						XX								Other