



Recorder



Flow



Pressure



Temp



Analyzer



Level

Datasheet

Anti-corrosion level transmitter

SIN-P262-B

Sinomeasure

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Datasheet**Anti-corrosion hydrostatic level transmitter****SIN-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

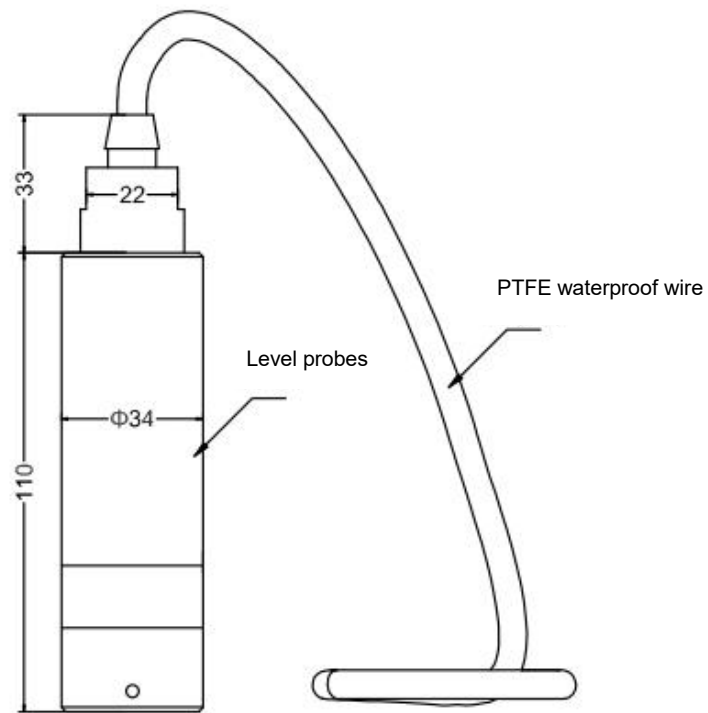
Red wire: 24VDC

Blue wire: power negative

White wire: 485A

Black wire: 485B

Dimension



Ordering code

SIN-P262-B-03-L-A1-WA-0-N6-5													Description
SIN-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