SEN701-1000 Submersible Level Transmitter

Product Description

The input liquid level transmitter is professionally designed for liquid level measurement and control in industrial processes, water conservancy and hydropower monitoring and control, building automation, constant pressure water supply, urban water supply and sewage treatment, and other automation system liquid level measurement and control. sensor.



Features

- Moisture-proof, anti-condensation, anti-leakage, protection level IP68.
- Excellent impact resistance, overload resistance, vibration resistance, corrosion resistance.
- High-efficiency lightning protection, strong anti-RF and electromagnetic interference protection.
- Advanced temperature digital compensation function, wide operating temperature range.
- High precision, high frequency response, good long-term stability.

Applications

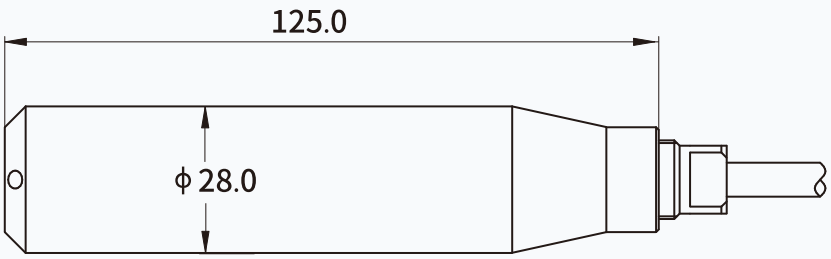
- Industrial process level measurement and control.
- Water conservancy and hydropower monitoring and control.
- Building automation, constant pressure water supply.
- Urban water supply and sewage treatment.
- Liquid level measurement and control of other automation systems.

Specifications

Level range	0-1....50 m			
Signal line specification	2 Wire	3 Wire	3 Wire	4Wire
Output signal	4~20 mA	0~5V	0~10V	RS485
Supply voltage	9~30VDC	9~30VDC	15~30VDC	9~30VDC
Accuracy level	±0.5%FS, ±1%FS			
Medium temperature	-10~+70°C (no freezing)			
Medium compatibility	Compatible with SS316L stainless steel media			
Protection level	IP68 (cable output type)			

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Dimensions



Electrical Connection

Direct line	Thread color	Definition
4-20mA	Red	Positive power supply (+Vcc)
	Black	Output (Iout)
0~5VDC，0~10VDC	Red	Positive power supply (+Vcc)
	Black	Power Negative (GND)
	Green	Output (Vout)
RS485	Red	Positive power supply (+Vcc)
	Black	GND
	Green	RS485A
	White	RS485B

Note: The specific wiring method is subject to the line standard.

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Ordering Guide

Example:SEN701-10002123-700
①　②　③④⑤⑥　⑦

① Product series model　② Product model code　③ Precision code　④ Output/power supply number
⑤ Electrical connection code　⑥ Thread connection code　⑦ Measuring range

SEN701-	Company code + product series code						
	1000	Product model code					
		2	±0.5%FS				Accuracy
			1	4-20mA/24VDC			Output/power supply
			2	0-5VDC/24VDC			
			3	0-10VDC/24VDC			
			8	RS485/9~30VDC			
				2	Direct lead		Electrical connection
					B	Submersible installation (nothread)	Threaded connection