

STB3410 Corrosion-Resistant Submerged Level Transmitter

DESCRIPTION

The STB3410 series immersion-type corrosion-resistant level transmitters employ high-performance ceramic piezoresistive and corrosion-resistant cores, leveraging the temperature stability, high precision, and strong corrosion resistance of ceramics. Utilizing materials with exceptional corrosion resistance such as polytetra fluoroethylene (PTFE) and corrosion-resistant alloys, these transmitters can measure various corrosive media and are widely applied in liquid level measurement and control across industries including petroleum, water resources, urban water supply, chemical engineering, chemical testing, pharmaceuticals, and wastewater treatment.

VALUE TO CUSTOMERS

- Compact design
- High-precision
- Wide measurement range
- Corrosion-resistant and Ventilated cable

POTENTIAL APPLICATIONS

- Urban water supply, groundwater
- Chemical industry, chemical experiments
- Pharmaceuticals, Wastewater Treatment
- Level monitoring of open irrigation systems



WARNING PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

All potential use in

aerospace, medical, transportation, agriculture, refrigeration, and industrial applications. To view the entire product portfolio, click our company's website.

Website: www.stablesens.com

PERFORMANCE SPECIFICATIONS

Pressure range	0-10m-100mH2O (Customizable)		
Pressure Accuracy	0.25%FS、0.5%FS、1.0%FS		
Output	4-20mA、0/1-5/10V、0.5-4.5V、RS485		
Excitation	5VDC、24VDC、9-30VDC		
Load Resistance	Current type: $R=(\text{Supply Voltage}-8V)/0.02 \Omega$		
Compensated Temp. Range	0-85°C	Operating Temp. Range	-10-80°C
Proof pressure	150%	Burst pressure	200%
Temperature drift	$\pm 0.02\%FS/^{\circ}C$	Long term stability	$\pm 0.2\%FS/\text{year}$
Housing Material	PVC、PTFE、316L	Cable Material	PUR、PVC、PE、FEP(white)
Pressure port types	Investment-based、G1、1NPT、M36*2 (Customizable)	Electrical connector types	Direct connection; 2088 junction box
Liquid-contact material	316L stainless steel, ceramics		

ELECTRICAL CONNECTOR TYPE DIMENSIONS

