

## CAL-C700 Submersible Pressure Level Transmitter

### PRODUCT INTRODUCTION

CAL-C700 series submersible pressure level transmitter adopts high precision sensor and unique sealing technology in processing procedure. With high reliability small structure, this series level transmitter has perfect character in high accuracy, stable work, safe and reliable, easy to install with high performance in liquid level measurement. CAL-C700 series level transmitter can be used to measure the pressure of liquid and gas such as water, river water, sewage water ect., widely used in industrial, agricultural production process control and life service.

### FEATURES

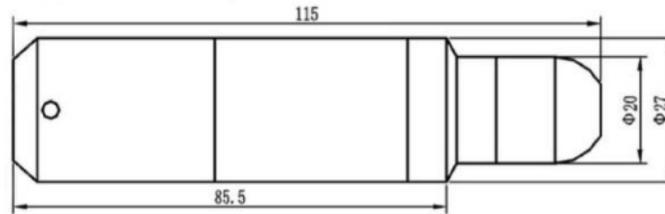
- ◆ Stainless steel SS316L diaphragm
- ◆ High accuracy, High reliability, High performance
- ◆ Accuracy:  $\pm 0.25\%FS$ ,  $\pm 0.1\%FS$  (Customized)
- ◆ Output: 4~20mA, HART Protocol, 0~5V, 1~5V, 0~10V, RS485, I2C (Customized)
- ◆ Cable material: PE/ PUR
- ◆ Probe diameter: default 27mm (Or Customized).
- ◆ Anti-overload, anti-overpressure, small structure and easy installation
- ◆ Measure gauge, absolute and sealed gauge.



## SPECIFICATIONS

Pressure Range	0 ~100mH2O
Pressure type	G (gauge)/A (absolute)/ SG (sealing gauge)
Accuracy	±0.5%FS,±0.25%FS, ±0.1%FS
Working Temperature	-20~85°C
Medium Temperature	-10~60°C
Overload	≤2 times full span
Long term stability	±0.1%FS/Year(Typical) ±0.2%FS/Year(Max)
Zero Drift	±0.05%FS/°C(≤10m), ±0.03%FS/°C(>10m)
Span Drift	≤±0.05%FS/°C
Output signal	4~20mA, HART Protocol, 0~5V,1~5V,0~10V, RS485, I2C,Tuta Platform (Customized)
Power supply	3.3VDC /5VDC/9VDC~30VDC
Material	Sensor: SS316L diaphragm Probe Shell:SS304/SS316L Cable: PE/ PUR / vented cable
Response time	≤1ms(up to 90%FS)
Housing protection	IP68

## DRAWING SIZE(Unit:mm)



## SELECTION CODE

CAL-C700-□-□-□-□-□-□			
Range	0~100mH2O		
Pressure Type	G	Gauge	
	A	Absolute	
Output	1	4~20mA	
	2	0~5V DC	
	3	0~10V DC	
	4	RS485	
	5	I2C	
	6	Tuya Platform	
	7	Customized	
Probe Material	S04	SS304	

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	S16	SS316L	
Cable Material	01	PE	
	02	PUR	
Cable Length		L-	0-100M