

## Model MC20CD

### Gas Conduction Liquid Level Transmitter

(For High Temperature Liquid, Corrosive Liquid, etc)



With the sensor and electronic circuit installed in connection housing, model MC20CD Gas Conduction Liquid Level Transmitter applies gas sealed in the pipe and tube to conduct liquid pressure to the pressure sensor. Avoiding direct contact between medium and pressure sensor, MC20CD can be widely used to measure high temperature and corrosive liquid. The relationship between the level and pressure is:

$$P=0.0098\rho L$$

P=Pressure;  $\rho$ (g/cm<sup>3</sup>)=Density; L=Level

#### FEATURES

Specially designed for high temperature liquid, corrosive liquid, sewage etc

High reliability and stability

Zero and span adjustable

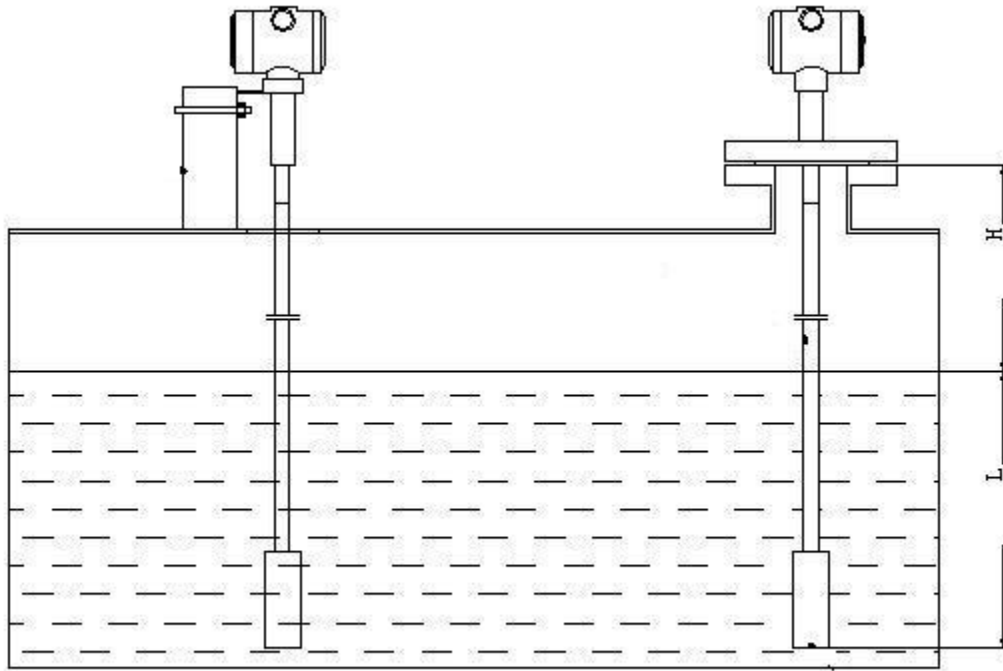
#### SPECIFICATIONS

Range	0-0.5.....50meter
Output	4-20mA (1-5V) ; 0—10mA (0—5V) ; User specified
Accuracy	0.5%(Normal), 1%(Maximum)
Stability (%F·S/year)	0.5%
Power	+24V (+12~+36)
Compensated temperature (°C)	0~60°C
Survey liquid temperature (°C)	-20°C~250°C
Overpressure (%)	300
Frequency response (Hz)	>1000
Material of diaphragm	316SS
Material of wet-part	304SS

#### MOUNTING

As shown below (Left): MC20CD-A Bracket or thread mounting

As shown below (Right): MC20CD-B Flange mounting



**ORDERING CODES**

MC20CD		Gas Conduction Liquid Level Transmitter					
		<b>Measuring Range</b>					
	X	0~1m...50mH <sub>2</sub> O					
		<b>Accuracy</b>					
	III	0.5%					
		<b>Signal Output</b>					
	E1	4~20mADC					
	E2	4-20mA+HART Protocol					
	K1	0~10mADC					
	K2	0~5VDC					
	K3	User Specified					
		<b>Length of Pipe</b>					
		Lm	(M)				
		M1	0-100% Indicator Meter				
		M2	3 1/2 LCD Meter				
	<b>Mounting</b>						
	B2	Bracket or Thread					
	B3	Flange					
	Y	User Specified					
MC20CD	X(0-5m)	III	E1	Lm(7m)	M4	B2	Example