

Product overview

The PTC-LT flange liquid level transmitter can be used to accurately measure the pressure of various sealed container media and the liquid, gas and steam. The advanced digital technology and frequency phase shift control (FSK) technology are used for the transmitter which improves the machine performance and reliability and facilitates the connection between site and controller. In addition to the telecommunication capability, it also has the machine range adjustment and zeroing buttons, facilitating on-site adjustment after field installation. The advanced integrated circuit and surface installation technology are used for electronic components, and it has the functions (such as communication, query, commissioning and configuration) and is widely used for measurement of closed pressure or liquid level pressure under the ordinary pressure of liquid in the open containers or tanks in the industries (such as petroleum, chemical engineering, electric power, metallurgy, steel, environmental protection, water treatment and lithium battery new energy).



Product model selection

PTC-LT	Flange liquid level transmitter										
Structure form	B	Intelligent splint type									
	N	Intelligent direct mounting type									
Sensor		Code	Sensor								
		C	Conventional intelligent capacitive sensor								
		J	Single crystal silicon intelligent sensor								
Measuring range		Code	Measuring range unit								
			KPa	InH2O	mBar		mmH2O				
		CP3	0~10	0~40	0~100		0~1000				
		CP4	0~40	0~160	0~400		0~4000				
		CP5	0~100	0~400	0~1000		0~10000				
		CP6	0~400	0~1600	0~4000		0~40000				
		CP7	0~4×103	0~16×103	0~40×103		0~400×103				
		CP8	0~10×103	0~40×103	0~100×103		0~1000×103				
CP9	0~40×103	0~160×103	0~400×103		0~4000×103						
Output signal			S	4~20Ma+HART protocol							
			T	Special requirements							
Accuracy grade				I75	0.075%± (single crystal silicon)						
				I1	0.1%±						
				I2	0.25%±						
				I5	0.5%±						
Display mode						M3	Liquid crystal display				
Connection dimension (DN)						DN	DN25~DN100				
						Y	Agreed by the user				
Diaphragm material						Ta	Tantalum diaphragm				
						HC	Hastelloy C				
						Ti	Titanium diaphragm				
						316L	316L diaphragm				
Anti-corrosion type						F4	Lining polytetrafluoroethylene or spraying polytetrafluoroethylene				
Explosion-proof grade						B	ExdiiCT6				
PTC-LT											