



PT220 Series Liquid Level Pressure Transmitter



Features

- accuracy superior to 0.5% F.S
- anti-clogging structure design
- gauge pressure:0~1 mH₂O or 0~200 mH₂O
- 4~20mA signal output
- ingress protection :IP68

Applications

waste water measurement
open water container measurement
mine shaft measurement

Description

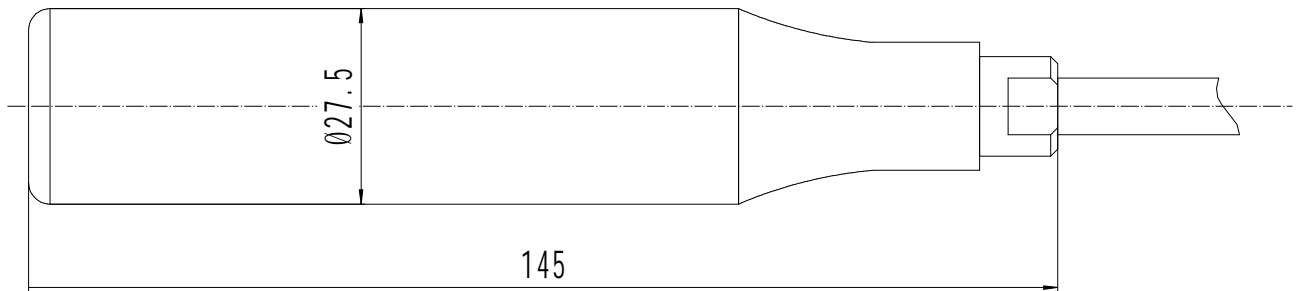
Model PT220 series liquid level transmitter adopts high-performance diffused-silicon chip ,anti-clogging design and all-welded steel structure, it can convert gauge pressure of measured medium into standard signal output of current or voltage via highly reliable amplifying circuit and temperature compensation.This series is characterized by strong anti-interference ability,wide working temperature range, good long-term stability.

Technical Parameters


Attribute	Technical Parameters
Pressure Range	0~1m H ₂ O ,0~200m H ₂ O
Accuracy	±0.5% F.S
Overload Capacity	1.5 times rated pressure
Pressure Type	gauge pressure
Electrical Environmental Temp	-20 °C~ 80°C
Mechanical Shock	100g/1msec
Mechanical Vibration	≤20g(15-2000Hz)
Temperature Drift	±0.03% F.S/°C(≤100kPa);±0.02%F.S/°C(> 100kPa)
Compatible Medium	all corrosive medium compatible with material 1Cr18Ni9Ti
Electrical Performance	2-wire
Output	4-20mA
Response Time	≤3msec
Supply	10-30VDC
Overload Resistance	(U-10)/0.02Ω
E-Connection	lead-wire
Ingress Protection	IP68



External Dimension



E-Connection

Lead-Wire	2-wire	
		wire color
	E+	Red
	E-	Black

E:power supply

S:signal output



Ordering Guide

Series Code		PT220	-	X	X	-	X	-	X	-	X	-	X	-	X	-	X	-	X
Pressure Unit	kPa			B															
	mH ₂ O			M															
Pressure Range	On request				X														
process Connection	throw-in type					blank													
	thread/flange connection					thread/flange specification													
Signal Output	4~20mA					MA													
	4~20mA+Hart					H													
	0~10VDC					10V													
	0~5VDC					5V													
	1~5VDC					3V													
E-Connection	lead wire X meters					MX													
	2088 housing with LED display, lead wire X meters					8Mx													
	2088 housing, lead wire X meters					7Mx													
Safe Grade	None					blank													
	Intrinsically Safe					IA													
	Exd					ID													
Body Material	304 stainless steel					blank													
	316L stainless steel					3L													
	PTFE					4F													
Accuracy	0.50%					blank													
	0.25%					2A													
Others	consult us for any other requirements																	...	