

X-100KS Series battery digital display pressure gauge



Dimension and capacity can be customized by request.

Feature

- ★ High performance sensor, large screen LCD display.
- ★ With peak holding function.
- ★ Dynamic display of pressure percentage.
- ★ Five engineering units are optional.
- ★ Optional shutdown and backlight time.

Technical specifications

Product Performance	P230 Standard type	P231 Sanitary type	P231V Flat embedded diaphragm	P234 Flush Diaphragm
Long-Term Stability		±0.2%FS/year(Not cumulative)		
Accuracy		±0.25%FS、±0.5%FS(Optional)		
Temp.Effect		1.5%FS/100°C		
Comp.Temp.		-20°C~80°C		
Working Temp.		-20°C~60°C		
Measuring Medium Temp.		-40°C~125°C		
		-40°C~250°C(Adding connectors)		
Zero Error		±1%FS		±1.5%FS
Span Error		±1%FS		±1.5%FS
Response Time	≤5ms	≤20ms		≤30ms
Fatigue Life		More than 100 million designs		
Physical Characteristics		≤5ms	≤20ms	≤30ms
Pressure Interface		See Ordering Guide		
Contact Parts	SS304、SS316L	SS316L、HC、MON、PTFE		SS316L、17-4PH
Shell Protection		IP65/IP67		
Shock		EC 68-2-27 procedure I		
Vibration		10g、20-2000Hz		
Weight	About 400g	About 500g	About 450g	About 350g
Environmental Data		CE、RoHS		
Certification		CE、RoHS		
Display window		-1999~9999 Four and a half LCD display		
LCD large screen				
Power Supply		3.6V lithium battery		
Battery life		Working in power saving mode for more than 2 years, continuous working for 2000 hours		
Range		Proof Pressure(×FS)	Burst Pressure(×FS)	
Kpa / bar		X-100KS	X-100KS	
Vacuum		5.0×FS	10.0×FS	
5~100kpa		2.0×FS	5.0×FS	
200kpa~100bar		2.0×FS	3.0×FS	
200bar~700bar		1.5×FS	2.0×FS	

Dimensional Drawings (mm)

