

X-100CY-Q Wind differential pressure



Feature

- ★ Range: 0~1kpa~600kpa.
- ★ High performance core, Compact design.
- ★ Multiple output signals optional.
- ★ Field adjustable calibration.
- ★ Superior long term stability.

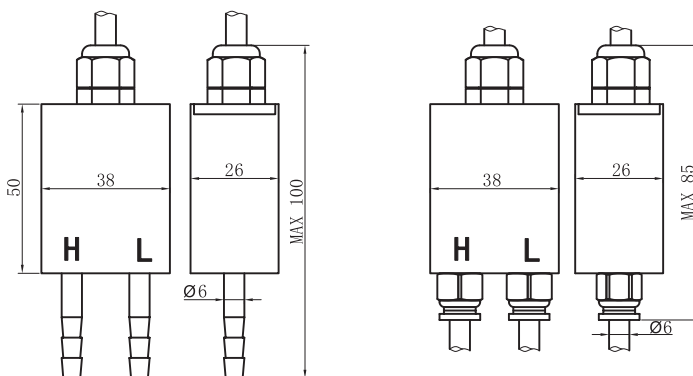
Dimension and capacity can be customized by request.

Technical specifications

Product Performance	
Long-Term Stability	
Pressure	±1%FS/year(Not cumulative)
Temperature	±0.5%FS, 0.1°C year(The bigger one)
Accuracy	±1%FS
Temp.Effect	
Pressure	1.5FS/100°C
Temperature	≤±0.5%FS°C Reference:22°C
Comp.Temp.	-20°C~60°C(Pressure)
Working Temp.	-30°C~70°C
Zero Error	±2%FS(Pressure)
Span Error	±2%FS(Pressure)
Response Time	≤10ms(Pressure)10s=10sec(Temperature)
Fatigue Life	More than 100 million designs
Physical Characteristics	
Pressure Interface	See Ordering Guide
Protection tube diameter	6mm, 8mm etc.
Electrical Interface	See Ordering Guide
Shell Protection	IP65
Shock	EC 68-2-32procedure I
Vibration	40g, 20-2000Hz
Weight	About250g
Environmental Data	
Certification	CE, RoHS

Voltage Output	
Output (3-wire)	Min 0V to max 10V
Power Supply	Over full range output 4V, max 30Vdc
Current Output	
Output (2-wire)	4-20mA, 4-20mA+HART 2-wire
Power Supply	10-30Vdc

Dimensional Drawings (mm)



Ordering guide

Model : X-100CY-Q- ①②③④⑤

	①	②	③	④	⑤
Attention	Range	Process connection	Output	Electrical connection	Accuracy
1, Direct lead with 1 m cable 2, With***, please contact the technician	Range K=kPa B=bar M=MPa	6=φ6mm Pagoda mouth 8=φ8mm Pagoda mouth XX *= Other *	4A=4~20mA 4AX=4-20mA+LCD With Display 10V=0~10V	xE= Direct lead x meter	=±0.5 %FS 2=±0.25 %FS

Applications

It is used in the process control fields of power and coal industries such as boiler air supply and underground ventilation.