

Instructions

Wind Differential Pressure Sensor

PT230BN



Summary

PT230BN is assembled by silicon piezoresistive differential pressure core, the whole product is of aluminum alloy structure, the two pressure interfaces are 6 air pipe joints, it can be directly installed on the measuring pipeline or connected through the pressure pipe, Simple installation, small and light structure

Feature

- Air pipe joint, easy to install
- Wide measuring range
- Measure tiny other differential pressure values

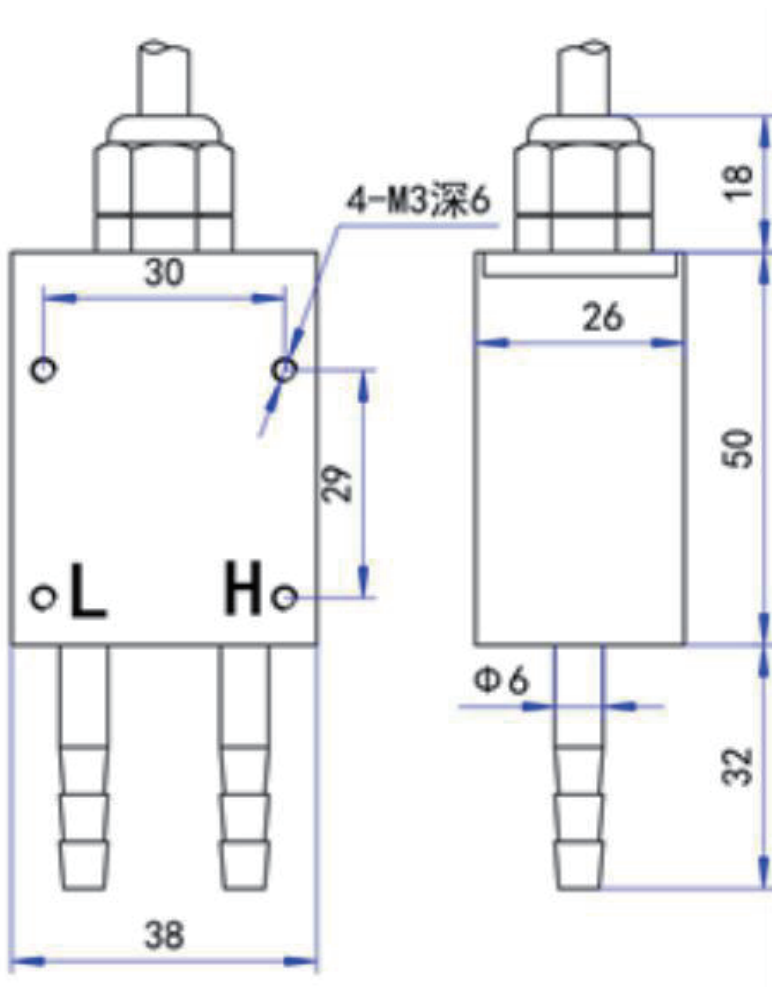
Application

- HVAC and clean room technology
- Filter technology, flow detection
- Boiler air supply and underground ventilation
- Pitot tube, flow orifice plate


Specification

Pressure range	0-0.01bar.0-2bar(0-1kPa,0-200kPa)		
Pressure type	Gauge pressure		
Accuracy	0.5% F.S; 0.25% F.S		
Electrical Performance	2-wire	3-wire 0~10V	3-wire
Output signal	4~20 mA	0~10V	0~5V
Power supply	9~36Vdc	15~36Vdc	12~36Vdc
Insulation resistance	500MΩ 100Vdc		
Overload pressure	1.5 times rated pressure		
Bilateral static pressure	3 times rated pressure		
Diaphragm Temp	-20~85 ℃		
Electrical Temp	-20~80 ℃		
Protection degree	IP65		
Product material	Aluminium alloy		

Dimension



E-connection

Leading wire, Shielded			
		Current	Voltage
	U+	red	red
	0V		black
	S+	black	green

Ordering guide

Series code	PT230BN	X	-	X	-	X	-	X	-	X	-	X
Pressure unit	bar	B										
	kPA	K										
Pressure range	Pressure range value x			X								
Process connection	Pagoda connection \varnothing X air tube					Hex						
	Quick plug connection \varnothing X air tube					PCx						
Output	4~20mA						MA					
	10~10VDC						10V					
	0~5VDC						5V					
E-connection	Water-proof connector leading wire X meter									MX		
Accuracy	0.5%F.S (standard)											-
	0.25%F.S											2A