

PK462 Flush Sanitary Pressure Transmitter

Certifications



RoHS



Application Scenarios



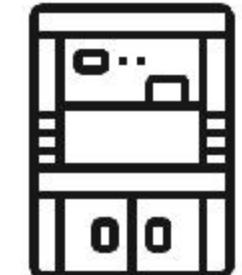
Medical equipment



Pharmaceutical equipment



Food Machinery



Hygiene and sterility measurement

Product Features

Range	Accuracy	Output	Electrical Connection	Process Connection
-100kPa...60MPa Gauge, Negative and Absolute pressure	0.2%FS、 0.5%FS	4...20mA、0...5V 、0...10V etc.	Aluminum shell+M20, NPT1/2 and other customizable forms	G1/2 flush type, M20 × 1.5 flush type and sanitary flush type

Product Description

This product is designed with a flush sanitary design, ensuring its application in the fields of medical equipment, pharmaceutical equipment, food machinery, and sterile hygiene measurement.

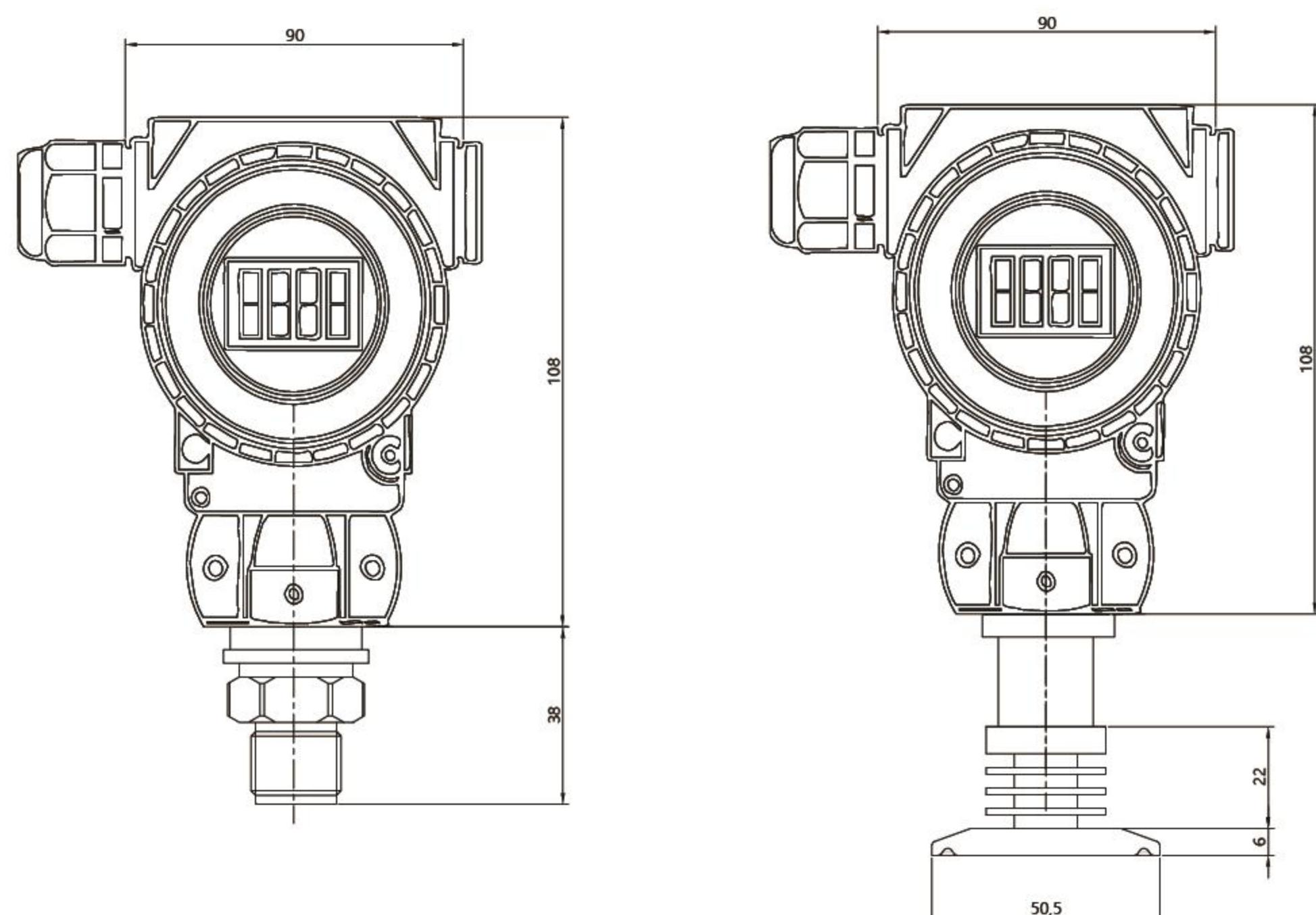
The product uses high-performance conditioning chips and integrated circuits to convert sensor millivolt or milliampere signals into standard voltage, current, or digital signals, which can be directly communicate with upper computer, PLC, various intelligent instruments and control monitoring platforms.

Compact structure, compact installation, stainless steel interface, ensuring sturdiness and durability.

Technical Parameter

Application scenarios	Gauge, Absolute and Negative pressure
Measurement range	-0.1MPa.....0.....60MPa
Comprehensive accuracy	0.2%FS、0.5%FS
Overpressure	1.5 times
Response time	<5ms (rising to 90% FS)
Medium temperature	-20.....70°C
Operating temperature	-40.....85°C
Supply Voltage	DC24V (10...30 V DC)
Output signal	4...20mA、0...5V、0...10V、Modbus、Hart
Sealing level	IP65
Connection material	Stainless steel 304, Stainless steel 316
Diaphragm material	Stainless steel 316
Stability performance	0.2% FS/year
Process connection	Thread, Clamp
Electrical connection	M20、NPT1/2

Specifications and Dimensions



Certification

- A Common
- B NEPSI Ex ia IIC T4
- C NEPSI Ex d IIC T6
- E NEPSI Ex d ia IIC T6

Shell+Communication interface

- M Aluminum shell+M20 communication interface
- N Aluminum shell+NPT1/2 communication interface
- S All stainless steel housing
- Y Customized

Output	Range	Process Connection		Accuracy
		PR	PP	
1 4-20mA	MA 10kPa			E 0.2%FS
2 4-20mA + Display	BA 40kPa			K 0.5%fS
3 0-10V	BB 100kPa			
4 0-10V + Display	BW 200kPa			
5 Modbus	BC 400kPa			
6 Modbus + Display	BD 600kPa			
7 4-20mA Hart	BE 1MPa			
8 4-20mA Hart+ Display	BF 1.6MPa			
	BG 2.5MPa			
	BH 4MPa			
	BI 10MPa			
	BM 20MPa			
	BN 30MPa			
	BK 40MPa			
	BL 60MPa			
YY Customized	Type			
	G Gauge			
	A Absolute			
	M Negative			

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Selection rules:

Requirements: Explosion proof certification, M20 communication interface, 4-20mA output, 1MPa gauge pressure, and G1/2 flush

Select model: PK462-CM1BEGPPE