

PK500 Micro / Wind Differential Pressure Transmitter

Certification



RoHS

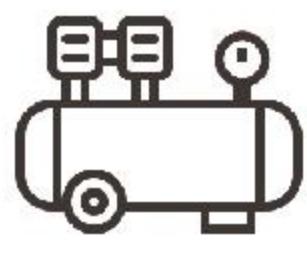
Ex ia II C T4 Ga



Application Scenarios



Fire-fighting equipment



Pump and Compressor



Pneumatic system



Gas Monitoring

Product Features

Range	Accuracy	Output Signal
-10kPa Measurement and monitoring of 10kPa micro differential pressure	0.2%FS	4...20mA、0...5V 、0...10V、 Modbus etc.

Product Description

This product is a micro differential pressure/wind differential pressure transmitter, based on MEMS pressure sensors, with high reliability and stable signal output.

Widely used in industrial and civilian OEM supporting equipment such as fire protection equipment, pumps and compressors, pneumatic systems, various measurements and monitoring.

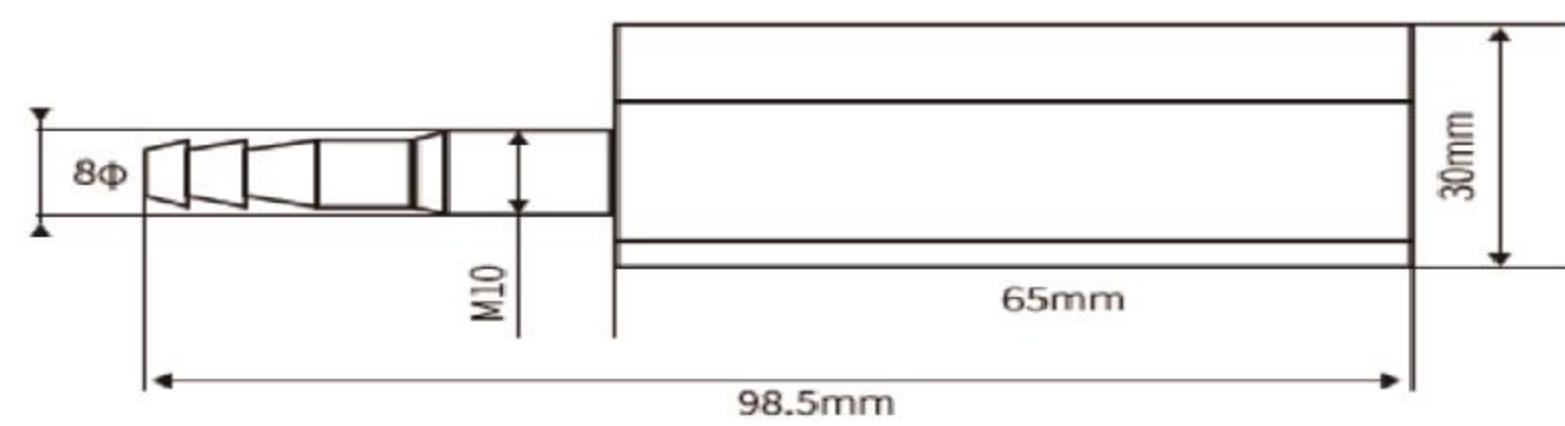
Compact structure, compact installation, ensuring durability and durability, intrinsic safety certification and other guarantees that the product can adapt to various environments and climate conditions.

Technical Parameter

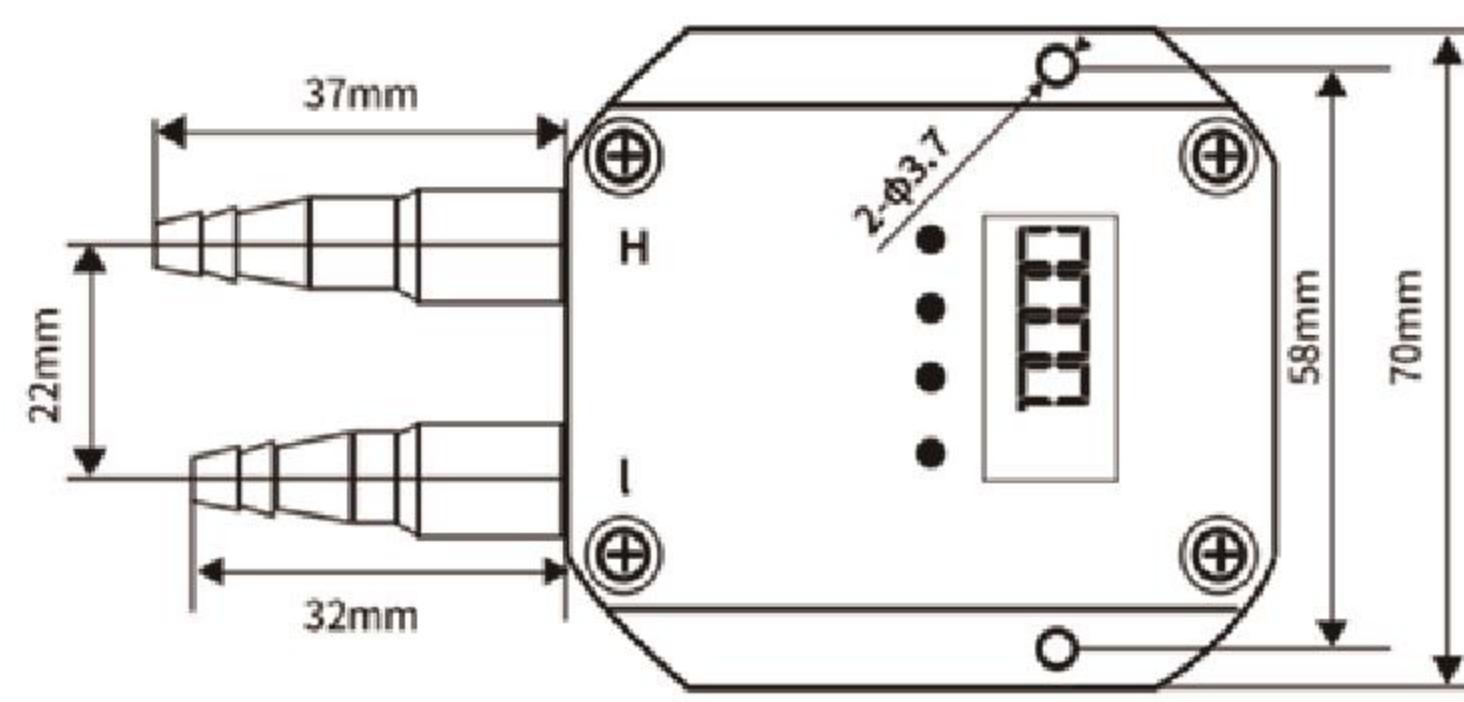
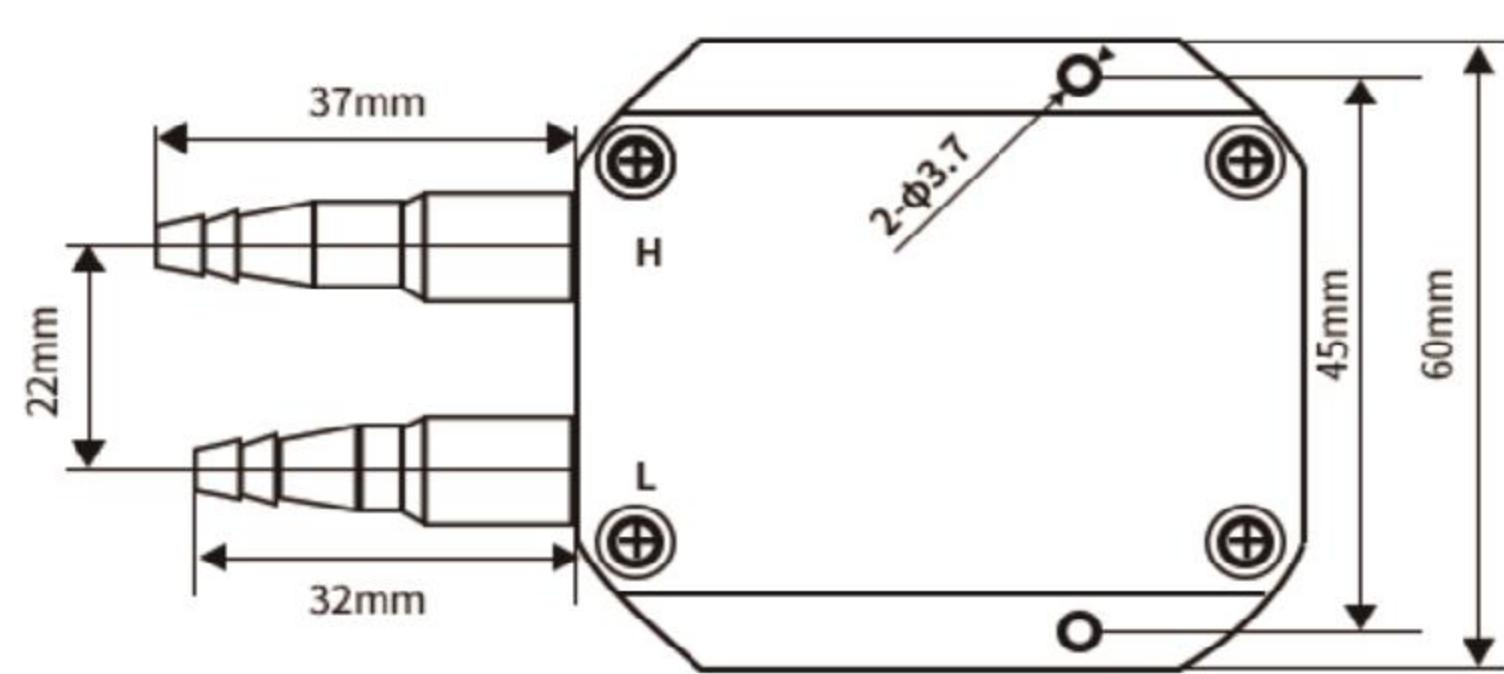
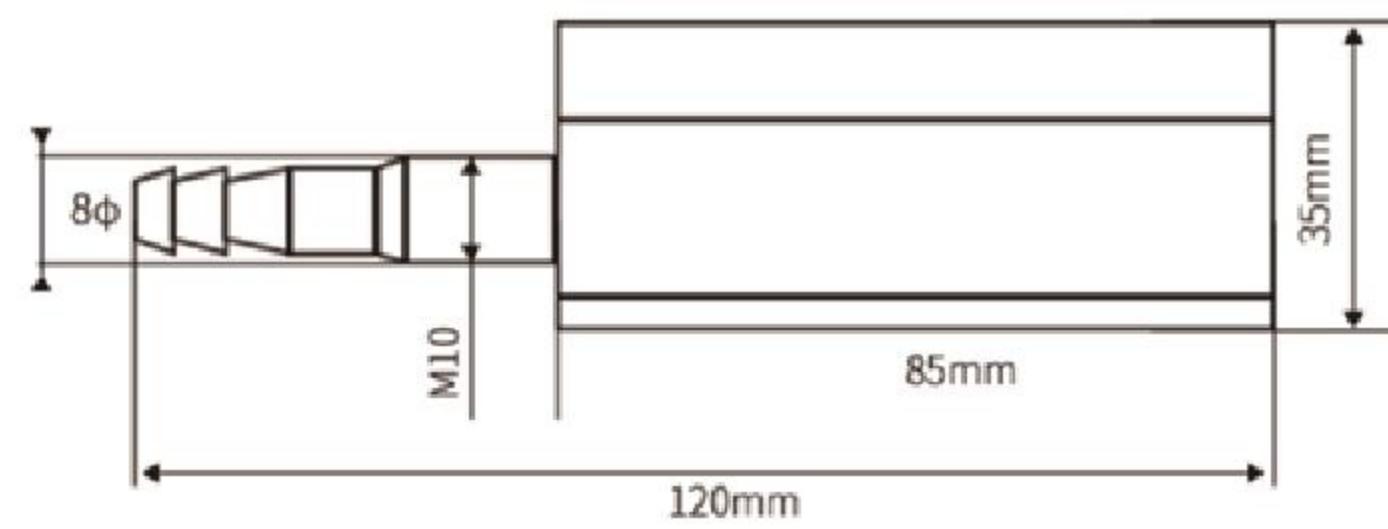
Application scenarios	Micro / Wind differential pressure measurement
Measurement range	-10.....10kPa
Comprehensive accuracy	0.2%FS
Overpressure	2 times
Response time	<5ms (rising to 90% FS)
Medium temperature	-20.....70°C
Operating temperature	-40.....85°C
Supply voltage	DC24V (10...30 V DC)
Output signal	4...20mA、0...5V、0...10V、Modbus
Sealing level	IP54
Shell material	Aluminum alloy
Stability performance	0.2% FS/year
Process connection	Pagoda gas nozzle
Electrical connection	Shielding wire

Specifications and Dimensions

Standard type



With display



Certification

A Common

B NEPSI Ex ia IIC T4

Process Connection

M8 8mm pagoda gas nozzle

M6 6mm pagoda gas nozzle

Q6 6mm tracheal type

Q8 8mm tracheal type

YY Customized

Range

DC 0...100Pa

DD 0...200Pa

DE 0...500Pa

DF 0...1kPa

DG 0...2kPa

DH 0...5kPa

DI 0...10kPa

JC -100...100Pa

JD -200...200Pa

JE -500...500Pa

JF -1...1kPa

JG -2...2kPa

JH -5...5kPa

JI -10...10kPa

YY Customized

Output

1 4-20mA

2 4-20mA + Display

3 0-10V

4 0-10V + Display

5 Modbus

6 Modbus + Display

10

20

30

40

PK500 Micro / Wind differential pressure transmitter

Selection rules:

Requirements: 6mm pagoda air nozzle, 4-20mA output, 0-1kPa

Select model: PK500-AM61DF