

## PK500 Micro / Wind Differential Pressure Transmitter

### Certification



RoHS



### 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.

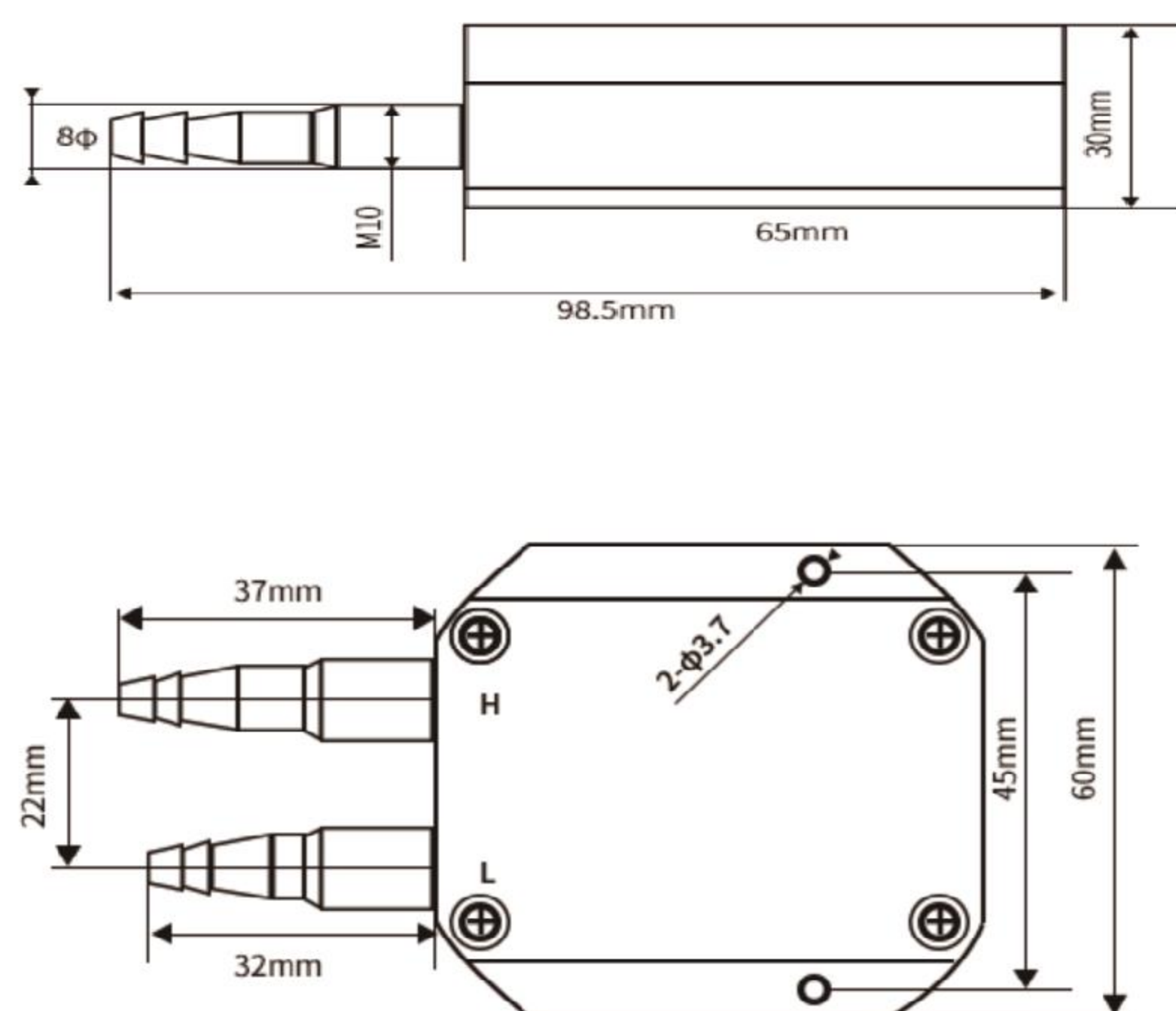
Compact structure, compact installation, ensuring durability and durability, intrinsic safety certification and other guarantees that the product can adapt to various environments and climate conditions.

## Technical Parameter

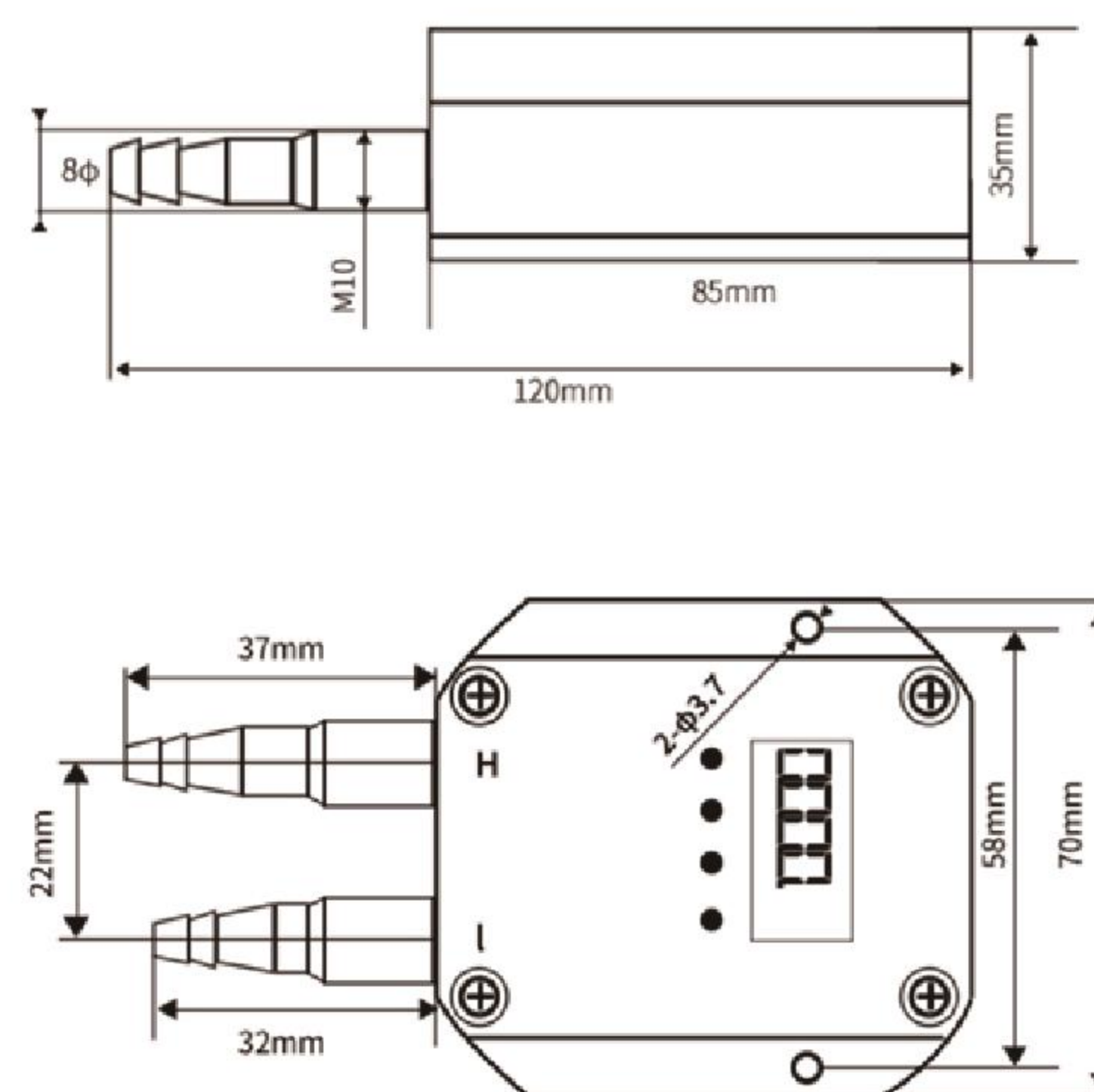
Application scenarios	Micro / Wind differential pressure measurement
Measurement range	-10.....10kPa
Comprehensive accuracy	0.2%FS
Overpressure	2 times
Response time	<5ms (rising to 90% FS)
Medium temperature	-20.....70°C
Operating temperature	-40.....85°C
Supply voltage	DC24V ( 10...30 V DC )
Output 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

Output

- 1 4-20mA
- 2 4-20mA + Display
- 3 0-10V
- 4 0-10V + Display
- 5 Modbus
- 6 Modbus + Display

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

10203040

PK500 Micro / Wind differential pressure transmitter

Selection rules:  
Requirements: 6mm pagoda air nozzle, 4-20mA output, 0-1kPa  
Select model: PK500-AM61DF