



合肥皖科智能技
HEFEI WNK SMART TECH

PRODUCT MANUAL WNK808N

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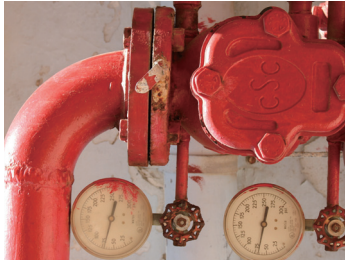
PRODUCT INTRODUCTION

WNK808N high-precision differential pressure transmitter adopts imported sensors, smart cards, and multi-point calibration. It has the characteristics of high measurement accuracy, sensitive response, and strong stability. Accuracy level of measuring range 1KPa can reach 0.1%; accuracy level of measuring range 100Pa can reach 0.5%.The transmitter is sensitive and displays the measured data truly without damping hysteresis. Through key operation, the high and low end of the measurement port can be interchanged.





APPLICATIONS



Fire
fighting



Medical
treatment



Environmental
friendly



Aviation



Industrial
control



Central air
conditioning



Elevator
warehouse



Negative
pressure ward

PRODUCT ADVANTAGES

- **High precision, low differential pressure:**

The measuring range is within $\pm 1\text{KPa}$, and the accuracy grade is $\pm 0.1\%$ FS.

Minimum range: $\pm 50\text{Pa}$, accuracy grade $\pm 0.5\%$ FS.

- **Real-time display, no lag:**

Response time $\leq 100\text{ms}$, real-time display of measurement data, no damping delay.

- **High and low end interchange:**

Through key operation, the test high and low pressure ports can be interchanged.



PRODUCT PARAMETER



Product name: High-precision differential pressure transmitter

Product model: WNK808N

Power supply: 12...32V DC, 5V DC

Output signal: 4~20mA, 0.5~4.5V, 0~10V, RS485, others

Range: -0.25~0.25kPa/-0.5~0.5kPa/-1~1kPa

Accuracy grade: $\pm 0.1\%$ FS ($\pm 1\text{kPa}$); $\pm 0.5\%$ FS ($\pm 50\text{Pa}$)

Compensation temperature; 0...60 °C

Protection level: IP65

Overload pressure: 5X

Burst pressure: 10X

Process connection: Pressure connection with 6mm diameter brass nozzle



PRODUCT SIZE

Unit:mm

