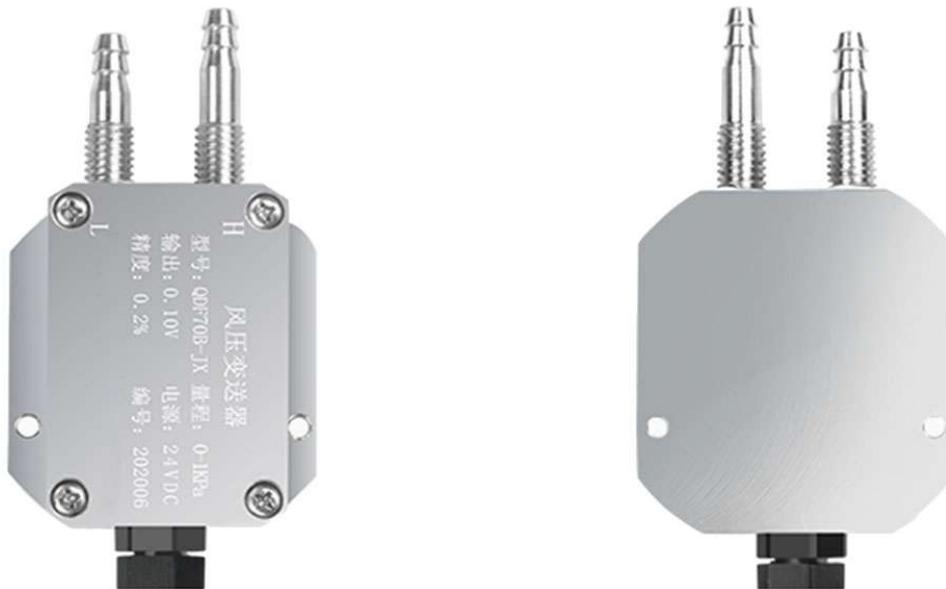




# DR3422 Differential Pressure Transmitter

Industrial Grade | High Stability | Compact Design

Fandesensor Technologies



## Product Overview

The DR3422 differential pressure transmitter is designed for precise low-pressure measurement in industrial environments. Featuring an imported high-sensitivity sensor and intelligent temperature compensation, it ensures stable and accurate performance even under demanding conditions. The compact aluminum housing provides excellent durability and protection.



## Key Features

- High-precision measurement up to  $\pm 1\%$  FS accuracy
- Wide pressure range from 0–100Pa to 10kPa
- Multiple output options: 4–20mA, 0–5V, 1–5V, 0–10V
- Robust aluminum alloy enclosure with IP65 protection
- Excellent long-term stability and anti-interference performance

## Typical Applications

- HVAC and building automation systems
- Air flow and ventilation monitoring
- Cleanroom and laboratory pressure control
- Industrial automation and process control
- Wind tunnel and environmental testing

## Technical Specifications

Pressure Range: 0–100Pa to 10kPa

Overload: 2× Full Scale

Accuracy:  $\pm 1\%$  FS

Power Supply: 11–28V DC

Output Signal: 4–20mA / 0–5V / 1–5V / 0–10V

Operating Temperature:  $-30^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$

Compensation Temperature:  $0^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$

Storage Temperature:  $-30^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$

Protection Rating: IP65

Process Connection:  $\Phi 6$  /  $\Phi 8$  barbed fitting

Housing Material: Aluminum Alloy

## Electrical Connection

2-wire system:

Black: +V (Power)

Red: OUT+

3-wire system:



Black: +V (Power)

Red: OUT+

White: GND

### Ordering Information

Model Example: DR3422-[0~X]kPa-E-B2Φ6

Output Code:

E = 4-20mA

V1 = 1-5V

V2 = 0-5V

V3 = 0-10V

Connection:

Φ6 = 6mm barb fitting

Φ8 = 8mm barb fitting

Note: Custom configurations are available upon request. Please contact Fandesensor for OEM/ODM solutions.