

Features

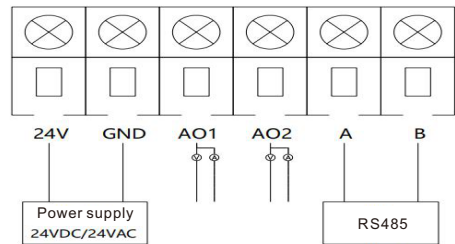
- Suitable for HVAC systems, energy management systems, VAV and fan control, environmental pollution monitoring, static pipelines, cleanroom pressure monitoring, fume hood control, oven pressurization, and furnace ventilation control.
- Capable of measuring and monitoring gas differential pressure or gauge pressure, providing accurate pressure readings for building pressurization and airflow control.
- Features a split-type rotating wall-mount bracket for easy and quick installation.
- Optional 1.3-inch LCD display available.
- Output signals available:
A: 0–10V voltage output
B: 4–20mA current output
C: RS-485 communication output



Specifications

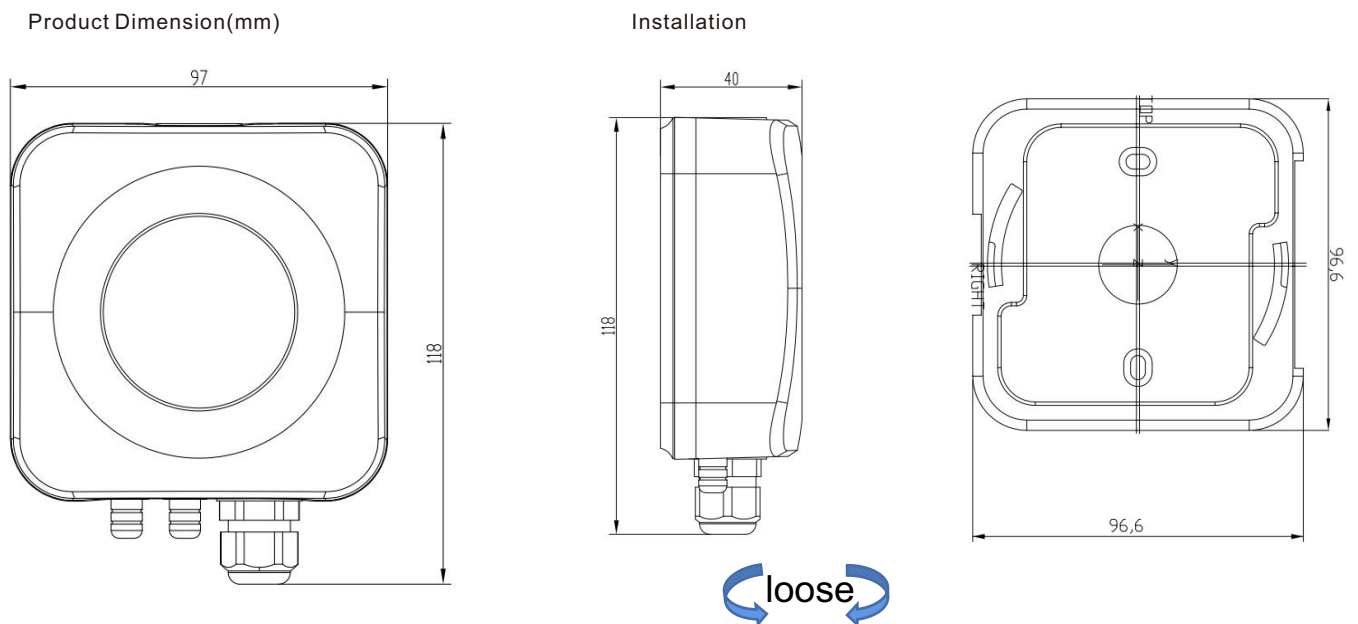
Product Model	SPD716 Series
Product name	Pressure Difference Transmitter
Measurement	0~50/0~100/ ±50/ ±100Pa
Power Supply	24VDC/AC
Output	0-10V/4-20mA+RS485
Accuracy	±1%F.S
Power Consumption	Average: ≤1w
Wiring Standard	Wire cross-section<1.5mm²
IP Class	IP65
Operation Environment	-10~65℃
Storage Environment	-10~65℃
Quality Standard	ISO9001

Product Wiring diagram



AO1: 0-10V/4-20mA(If it is necessary to change the jumper settings, please adjust the corresponding DIP switches accordingly.)

A、 B: RS485

**Notice:**

1. When installing, tighten the mounting buckle clockwise. To remove, turn the product counterclockwise.
2. To open the cover, firmly squeeze both sides of the lower housing while pulling off the upper cover.

Sensor Installation and Usage Guidelines

The sensor should be installed in a location with free natural air circulation. Avoid placing the sensor in direct sunlight or near heat sources, cold sources, or in areas with excessive humidity.

The sensor should operate in a clean air environment. Exposure to corrosive substances such as acetone vapor, chlorine, acid gases, or high concentrations of smoke (e.g., cigarette smoke) may damage the sensor probe.

The sensitive components of the sensor must be protected from static electricity. Avoid touching the sensing elements directly by hand to prevent damage.

Special Notice

- a. For model selection or configuration assistance, please contact our company.
- b. The final interpretation of this manual rests with the manufacturer.