

PRESSURE MEASUREMENT

FD820C Embedded Micro Differential Pressure Transmitter

Product Overview

FD820C is a embedded micro-differential pressure transmitter for micro pressure application environment. The digital technology which is the latest application results in the field of sensor manufacturing. It performs precision digital temperature compensation and non-linear correction. It has digital temperature compensation and nonlinear correction, high precision, high stability, multi-parameters, and automatic zero-clearing function, which solves the drift problem of small-range transmitter.

Application: pharmaceutical factory clean workshop/clean laboratory/ electronic clean workshop/infectious disease room, Hospital negative pressure, isolation ward/negative pressure operating room, ambulance.



Main Feature

- ◆ Measuring Clean, dry, and non-corrosive gases.
- ◆ variety of shape structure and output method are available.
- ◆ Glass surface boards, laser marking, exquisite appearance.
- ◆ Wall-mounted, easy to install it.
- ◆ Can be automatically cleaned by online load pressure
- ◆ Multiple configuration display of differential pressure, temperature, humidity.
- ◆ All intelligent circuit board, no moving parts, stable and reliable performance.

Performance Index

| Item | Technical Parameters |
|---------------------|--|
| Measuring Range | DP:0-50Pa~2500Pa/ Humidity:0%RH ~ 100%RH/Temperature0℃ ~ 60℃ |
| Pressure Type | Differential Pressure Transmitter |
| Overload Pressure | Overload Pressure 200%,Burst Pressure 400% |
| Accuracy | DP:0.5%F.S 1.0%F.S/Humidity: 3%F.S(5%RH ~ 95%RH)/Temp.:0.5%F.S |
| Long-term Stability | 0.2%F.S/Year |
| Working Temperature | 0℃ ~ 60℃ |
| Power Supply | 16V ~ 28VDC(24VDC) |
| Output Signal | 4mA ~ 20mADC / 1V-5VDC / RS485 Optional |
| Protocal | MODBUS RTU |
| Products Warranty | 12 months |

| Dimensions | Electrical interface and wiring |
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