SD06-T

High-performance Integrated Indicator Transmitter with Anti-interference Design

| Features |

- 2-wire loop design
- Anti-interference design
- IP rating：IP67

- Suitable for industrial environments
- 5-digit backlight display
- Button layout setting

| Introduction |

The SD06-T adopt the highest accuracy sensor. High reliability, long-term stability, high quality, compact size easy installation , suitable for general industrial environments.
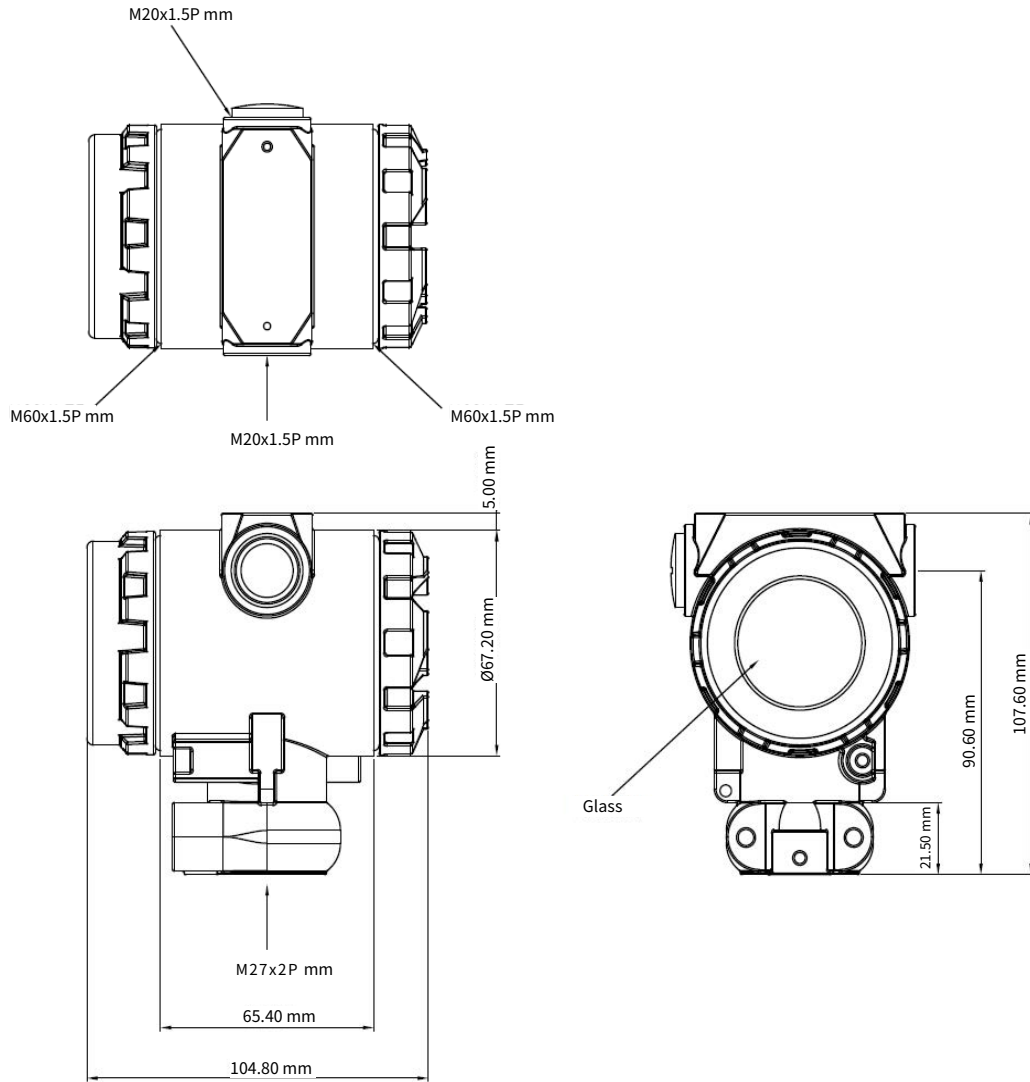
> **Applications :**
>
> Industrial process control / Compressor /
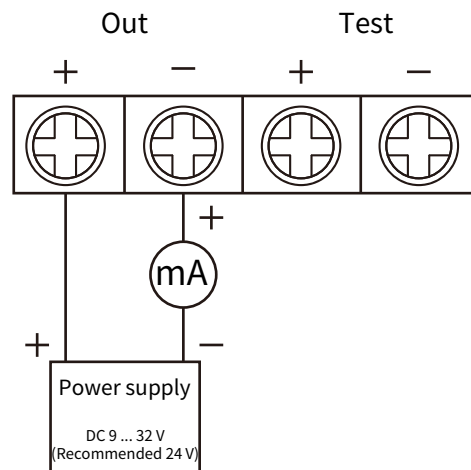> Laboratory systems /Chemical industry /
> Petrochemical industry

| Specification |

Input type	Temperature
Display range	-9999 ... 99999
Display unit	°C / Re / K / F
Output	4 ... 20 mA
Signal connection	2-wire
Temperature compensation	＜0.5% (at -20 ... 70°C)
Linear accuracy	＜0.2%
Sampling time	20 ... 30 times/sec
Response time	＜2 sec
Temperature influence	±0.05%URL/10°C
Insulation resistance	＞200 MΩ
Medium	Water, Gas, Oil, etc. Compatible with stainless steel
Operating Temp.	-20°C ... 70°C
Storage Temp.	-40°C ... 85°C
Power supply	DC 24 V±10%
Current consumption	＜23 mA
Electrical connection	Terminal connection
IP rating	IP67
Electrical protection	■ Polarity reversal protection ■ Over voltage ■ Short circuit
Material	Rugged aluminum
Weight	Metal：618 g(without wire)

eyc

| Dimension |

M20x1.5P mm

M60x1.5P mm

M20x1.5P mm

M60x1.5P mm

5.00 mm

Ø67.20 mm

M27x2P mm

65.40 mm

104.80 mm

107.60 mm

90.60 mm

21.50 mm

Glass

| Analog Diagram |

Out

Test

+   −   +   −

mA

+

+   −

Power supply

DC 9 ... 32 V
(Recommended 24 V)

| Ordering Guide |

| Temp. | Output | Range | Process connection | Length (L) | Option |

SD06 - **T** **1** - **1** **4** **1** **W**

1 : 4 ... 20 mA

1 : -50 ... +50°C
2 : -50 ... 0°C
3 : 0 ... 50°C
4 : 0 ... 100°C
5 : 0 ... 200°C
Y : Customization

1 : 50 mm
2 : 100 mm
3 : 150 mm
4 : 200 mm
0 : Customization

Customization

2 : Outside thread R1/4"
4 : Outside thread R1/2"
A : Adjustable outside thread R1/4"
B : Adjustable outside thread R1/2"
0 : W/O outside thread / Special thread

| Additional Option（ILAC / TAF）Test Report

Additional option：(ILAC / TAF)Test report - Standard calibration laboratory(TAF accreditation：3032, complying with ISO / IEC 17025) TAF has mutual recognition arrangement with ILAC MRA

Project	Measurand level or range
Resistance thermometer	-40°C ... +300°C
Thermocouple thermometer	-20°C ... +300°C