Pressure and level transmitters

# Pressure and Temperature Transmitter, PT1000, Ceramic Core

Model CS-WPT1000

Integrated pressure and temperature transmitter with a ceramic pressure core and PT1000 platinum sensor, 0–5000 PSI and -40–125°C, both with ±1.00%F.S accuracy.



| Range | Accuracy |
|---|---|
| 0–5000 PSI | ±1.00%F.S |
| **Output** | **Protection** |
| 0.2–10.2V /others | IP65 |

## Features

- Dual temperature and pressure output
- Output 0.2–10.2V or others
- M12 connector, NPT1/4 stainless port
- Reverse voltage protected
- IP65, for water and air

## Applications

Water and air monitoring

## Specifications

### Technical specifications

| | |
|---|---|
| Pressure range | 0–5000 PSI |
| Pressure accuracy | ±1.00%F.S |
| Pressure output | 0.2–10.2V /others |
| Temperature range | -40–125°C |
| Temperature accuracy | ±1.00%F.S |
| Temperature output | 0.2–10.2V /others |
| Supply voltage(u+) | 12–30VDC |
| Output load resistance | ≥10KΩ |
| Proof presssure | 150%F.S |
| Burst pressure | 200%F.S |

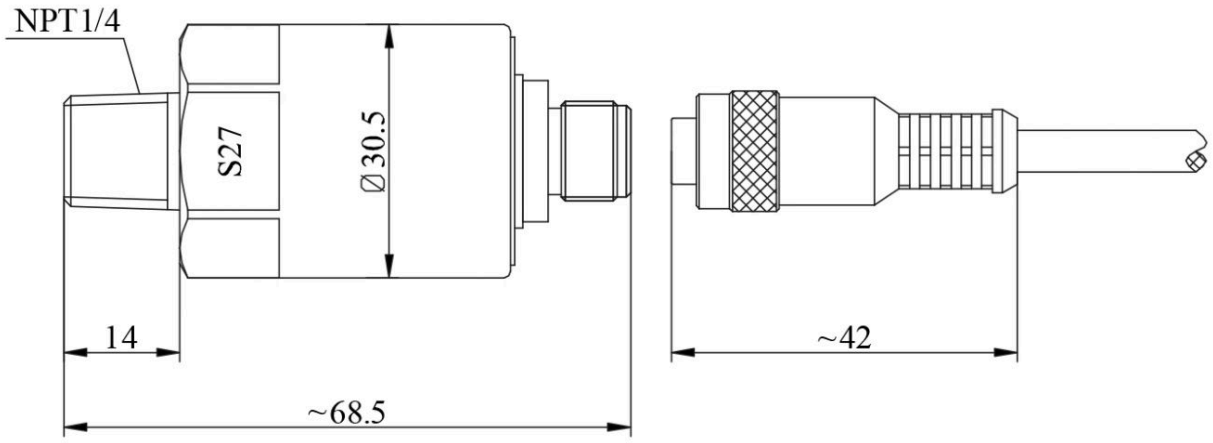
| | |
|---|---|
| Operating temperature | -20–85°C |
| Medium temperature | -40–125°C |
| Response time | ≤10ms |
| Vibration | 10g, 5–2000HZ |
| Shock | X/Y/Z, 20g, sine11ms |
| Electrical connection | M12 connector |
| Pressure port | NPT1/4 |
| Insulate resistance | ≥100MΩ@50VDC |
| Materials of pressure port | 304 stainless steel |
| IP rating | IP65 |
| Medium | Water, air |
| The pressure core body | Ceremic pressure sensor |

## Ordering and support

Pricing, samples, lead time and custom versions: dwinsales@163.com, +86 181 0280 8901.

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## Dimensions and wiring




Drawings are for reference. Dimensions in millimetres unless stated.