



# Surface Temperature Sensor

## GP-02 series

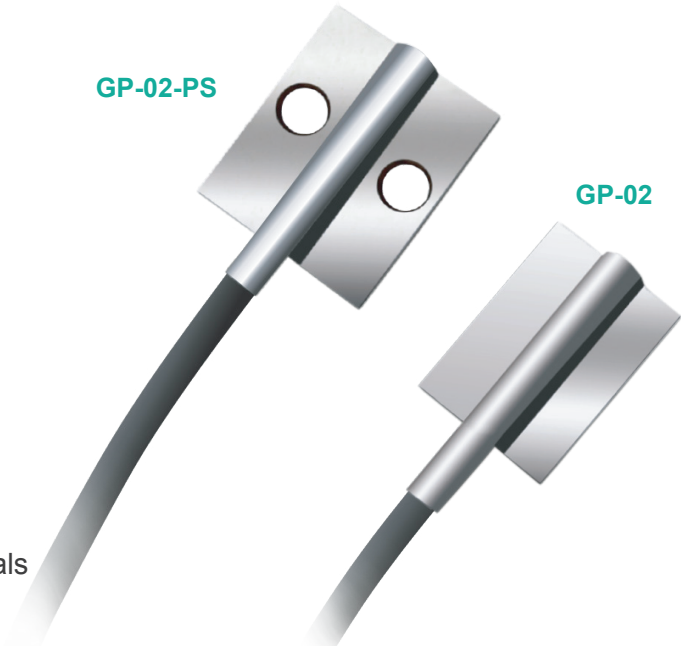
- CE
- Water-proof
- UL
- IP57
- High precision
- RoHS

### Applications :

Panel, Solar panels,  
Variety of metals,  
Plastics, Irregularly surface,  
Semiconductor,  
Meteorological observations

### Features :

- Measurement Range: -40~+250°C  
(Higher temperature model can be customized)
- Accuracy: DIN IEC751 A Class
- Fast Response, High Accuracy
- Easy to Installation
- Resistance to Harsh Environments and Chemicals



### Specifications of GP-02

<b>Model</b>	GP-02 (Attachble type) / GP-02-PS (Screws mounting type)
<b>Sensor Element</b>	PT100Ω Class A (thermocouple type optioned)
<b>Extension of Signal Cable</b>	1M for standard. (The length can be customized)
<b>Sheet Size</b>	GP-02 : 10 ×16mm, t=1.0mm GP-02-PS : 19×22mm, t=1.5mm
<b>Reaction Rate</b>	Approx. 15 sec. ※ Surface completely fit circumstances
<b>Thermal Conductivity</b>	Lower than 100°C, ≥ 0.8W/mk Higher than 120°C, > 1.5W/mk
<b>Mechanical Strength</b>	Climate-bearable for outdoor use Anti-corrosion : Gasoline, Acetone, Cleaning fluid, Acid-base agent
<b>Approvals</b>	IP57, CE, UL, RoHS

※Specifications are subject to change without notice.

### Option Accessories

<b>Sensor Element</b>	A. Platinum PT100Ω/50Ω/1000Ω DIN - Class A B. Thermocouple K \ J \ E \ T \ N Type
<b>Extension Signal Cable</b>	1. PVC cable 2. Silicone cable 3. Teflon cable ※ The length of extension signal cable upon request

### Installation

- a. Heat-Resistant Adhesive
- b. Galvanized Iron Retainer Clip
- c. High-Temperature Aluminum Tape
- d. Screw Retainer Hole

