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## CG-001 - Temperature sensor

### Description

### **CG-001 Temperature sensor PT100**

Platinum resistance thermometer (PRTs) provide excellent accuracy over a wide temperature range (from  $-200$  to  $+850$   $^{\circ}\text{C}$ ). Unlike thermocouples, it is not necessary to use special cables to connect to the sensor. The principle of operation is to measure the resistance of a platinum element. PT100 has a resistance of 100 ohms at  $0$   $^{\circ}\text{C}$  and 138.4 ohms at  $100$   $^{\circ}\text{C}$ . The relationship between temperature and resistance is approximately linear over a small temperature range. For precision measurement, it is necessary to linearise the resistance to give an accurate temperature.

### **Equipment Ref**

EVO 2 A Ref.

CLASSIC 3P Ref. **C1 - C2**

EVO 3 ELF Ref. **From C1 to C2**

EVO 3 EDLF Ref. **From C1 to C4**

EVO 5 BP Ref. **C2**

Easy to Plate EVO 5 BP D Ref. **C2**

Easy to Plate EVO 5 BP I Ref. **C2**

610 Ref. **C1**

611 Ref. **C1**

620 Ref. **C1**

621 Ref. **C1**

830 Ref. **C1**

810 Ref **C1**

812 Ref **C1**

### **Specification**

Suitable for the following equipment models:

CLASSIC 3 P	
CLASSIC 4 P	
EASY TO PLATE EVO 3	
IPD	
EASY TO PLATE EVO 3	
IPI	
EASY TO PLATE EVO 4	
IPD	
EASY TO PLATE EVO 4	
IPI	
EASY TO PLATE EVO 5	
BPD	
EASY TO PLATE EVO 5	
BPI	
EASY TO PLATE EVO 5	
IPD	
EASY TO PLATE EVO 5	
IPI	
EVO 2 A	
EVO 3 A	
EVO 3 EDLF	

EVO 3 ELF	
EVO 3 IP	
EVO 4 IP	
EVO 5 BP	
EVO 5 IP	
Spare Part Type	
Electrical Component	
Spare Part Group	
Sensor	
Stock Type	
Standard Stock	

## Product Gallery

