
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 $+850$ °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 °C and 138.4 ohms at 100 °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.

1SN0229 - (PRO033437)

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**

Catalogues/Families

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 | |

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|----------------------------|--|
| 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

