

## Shunt Calibration Modules For Strain Gauges & Load Cells



### Features

- Simple to use with no maintenance
- Inexpensive & Rugged
- Does not require calibration before each use
- **Any value resistance to six digits and 0.005% tolerance is available with a moq of 1 pc**
- Colour coded plugs for ease of identification in the field.
- Ultra-precise
- Ultra-stable
- Ultra-reliable

### Introduction

All Strain Gauges and Load Cells require regular calibration which is commonly achieved by connecting the appropriate value of shunt calibration resistor in parallel with one of the bridge resistors. Our Shunt Calibration Module provides an easy, cost effective, very accurate way to do this.



### Typical Shunt Calibration Resistors

|                                  | Order No.     | Resistance in Ohms | Tolerance in % | Colour Code | Microstrain |
|----------------------------------|---------------|--------------------|----------------|-------------|-------------|
| For<br>120Ω<br>Gauge<br>Circuit  | CE-599880-005 | 599,880            | ±0.005         | -           | 100         |
|                                  | CE-119880-005 | 119,880            | ±0.005         | Yellow      | 500         |
|                                  | CE-59880-005  | 59,880             | ±0.005         | Green       | 1,000       |
|                                  | CE-29880-005  | 29,880             | ±0.005         | Red         | 2,000       |
|                                  | CE-19880-005  | 19,880             | ±0.005         | Blue        | 3,000       |
|                                  | CE-14880-005  | 14,880             | ±0.005         | Orange      | 4,000       |
|                                  | CE-11880-005  | 11,880             | ±0.005         | Black       | 5,000       |
|                                  | CE-5880-005   | 5,880              | ±0.005         | Purple      | 10,000      |
| For<br>350Ω<br>Gauge<br>Circuit  | CE-349650-005 | 349,650            | ±0.005         | Yellow      | 500         |
|                                  | CE-174650-005 | 174,650            | ±0.005         | Green       | 1,000       |
|                                  | CE-87150-005  | 87,150             | ±0.005         | Red         | 2,000       |
|                                  | CE-57983-005  | 57,983             | ±0.005         | Blue        | 3,000       |
|                                  | CE-43400-005  | 43,400             | ±0.005         | Orange      | 4,000       |
|                                  | CE-34650-005  | 34,650             | ±0.005         | Black       | 5,000       |
|                                  | CE-17150-005  | 17,150             | ±0.005         | Purple      | 10,000      |
| For<br>1000Ω<br>Gauge<br>Circuit | CE-999000-005 | 999,000            | ±0.005         | Yellow      | 500         |
|                                  | CE-499000-005 | 499,000            | ±0.005         | Green       | 1,000       |
|                                  | CE-249000-005 | 249,000            | ±0.005         | Red         | 2,000       |
|                                  | CE-165666-005 | 165,666            | ±0.005         | Blue        | 3,000       |
|                                  | CE-124000-005 | 124,000            | ±0.005         | Orange      | 4,000       |
|                                  | CE-99000-005  | 99,000             | ±0.005         | Black       | 5,000       |
|                                  | CE-49000-005  | 49,000             | ±0.005         | Purple      | 10,000      |