



# LOAD20

## Weighing Load Cell Sensor 20KG



- This straight bar load cell (sometimes called a strain gauge) can translate up to 20 kg of pressure (force) into an electrical signal.
- Each load cell is able to measure the electrical resistance that changes in response to, and proportional of, the strain (e.g. pressure or force) applied to the bar.
- With this gauge, you will be able to tell just how heavy an object is, if an object's weight changes over time, or
- If you simply need to sense the presence of an object by measuring strain or load applied to a surface.
- This straight bar load cell is made from an aluminum alloy and is capable of reading a capacity of 1KG of weight
- Rated Load: 20Kg
- Rated Output:  $1.0 \pm 0.15\text{mV/V}$
- Zero Output:  $\pm 0.1\text{mV/V}$
- Creep:  $0.03\%\text{F.S./30min}$
- Input End: Red+, Black-
- Output End: Green+, White-
- Input Impedance:  $1115 \pm 10\% \Omega$