



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Load Cell – 50kg, Disc (TAS606)

SEN-3331 RoHS



This single disc load cell (sometimes called a strain gauge) can translate up to 50kg 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 disc. 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.

Disc load cells are a bit easier to mount than bar-style load cells, making them more straightforward to implement into a design.

Each load cell is made from a steel-alloy and is capable of reading a capacity of 50kg. These load cells have four strain gauges that are hooked up in a wheatstone bridge formation. The color code on the wiring is as follows: red = E+, green = O+, black = E-, and white = O-. Additionally, these load cells offer an IP66 protection rating.

20mm x 11mm, 2000mm Wire