

WEIGHING LOAD CELL SENSOR 5KG FOR ELECTRONIC KITCHEN SCALE YZC-131 WITH WIRES



Description

The full-bridge structure, the four leads, easy to use, plus driving voltage 5-10V, force changes in the output voltage signal directly.

Wiring: red voltage + E, black line voltage -E, green line signals + S, the white line signal -S

The sensor is fixed at one end through the screw hole, and the other end left floating state, applied according to label directions direction of gravity. In particular, note that you must not directly push the white plastic cover part, in order to avoid damage of the sensor.

Specification:

Model: YZC-131A

Dimensions: 75×12.7×8mm/2.95 x 0.51 x 0.31"(L x W x H)

Range: 5 kg

Rated Load: 2 kg

Rated output: 1.0 0.1mV / V

Nonlinear: 0.05% F.S

Hysteresis: 0.0% F.S

Repeatability: 0.05% F.S

Creep (5 minutes): 0.05% F.S

Temperature Effect on Output: 0.003% F.S / C

Zero output: 0.2 mV / V

Input impedance: 1050 10%

Output impedance: 1000 10%

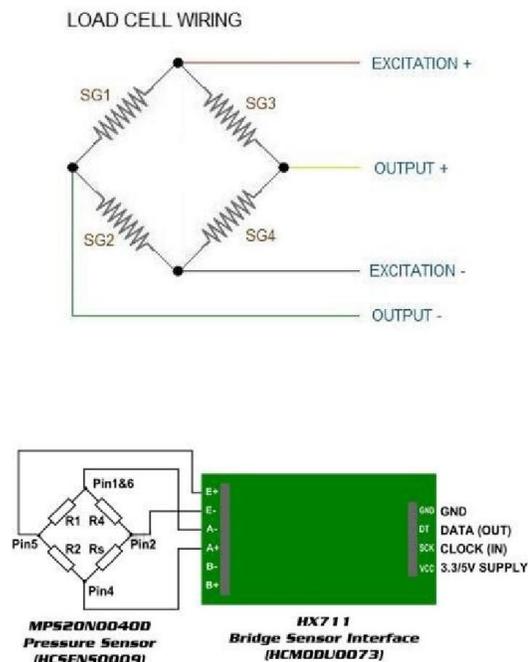
Insulation resistance: 2000 M

Operating temperature range: -21 ~ 40 C

Recommended for: kitchen scales

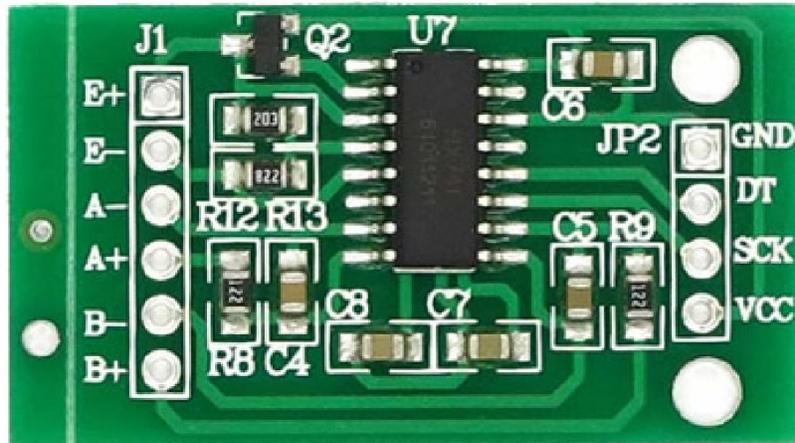
Weight:21g

Wheatstone bridge formation of Load Cell



HX711 (24 bit Analog to Digital Converter)

HX 711 is a precision 24-bit analog to digital converter (ADC) specially designed for Weigh scales and industrial control applications to interface directly with a bridge sensor.



Simply connect Load cell wires to the HX711 module based on their color, then connect DAT (Data) pin to Arduino Analog pin A1 and connect CLK (Clock) pin to Arduino Analog pin A0, Put Vcc and Gnd supply from Arduino power source pins.

