

# KITCHEN SCALES WEIGHING SENSOR datasheet

## Description

Four lines, easy to use, 5-10V control voltage, the force is directly output as a voltage change signal.

Dimensions: 12.7mm \* 12.7mm \* 75mm

Sensor fixed at one end by the screw hole and the other end to be kept floating, application of gravity on the direction of the direction through the label.

Special attention does not have to press the white plastic cover directly so as not to damage the sensor.

Application: kitchen scale

Module: YZC-133

Capacity: 1、5、10、20

Nominal output:  $1.0 \pm 0.15\text{mv/V}$

Nolinearity: 0.0005

Reproducibility: 0.0003

Hysteresis: 0.0003

Creeping behavior (5min): 0.001

Temperature influence on sensitivity:  $0.003\%\text{RO}/^{\circ}\text{C}$

Temperature influence on the zero point:  $0.02\%\text{RO}/^{\circ}\text{C}$

Zero -point comparison:  $\pm 0.1\%\text{RO}$

Input resistance:  $1066 \pm 20\ \Omega$

Output resistance:  $1000 \pm 20\ \Omega$

Isolation resistance:  $2000\text{m}\ \Omega$  (50V)

Recommended pathogen voltage: 5V

Compensated temperature voltage:  $-10 \sim +50\ ^{\circ}\text{C}$

Operating temperature range:  $-20 \sim +65\ ^{\circ}\text{C}$

Safe overload: 120%RO

Maximum overload: 150%RO

Material of the load cell: aluminum

Connection cable :? 0.8x180mm

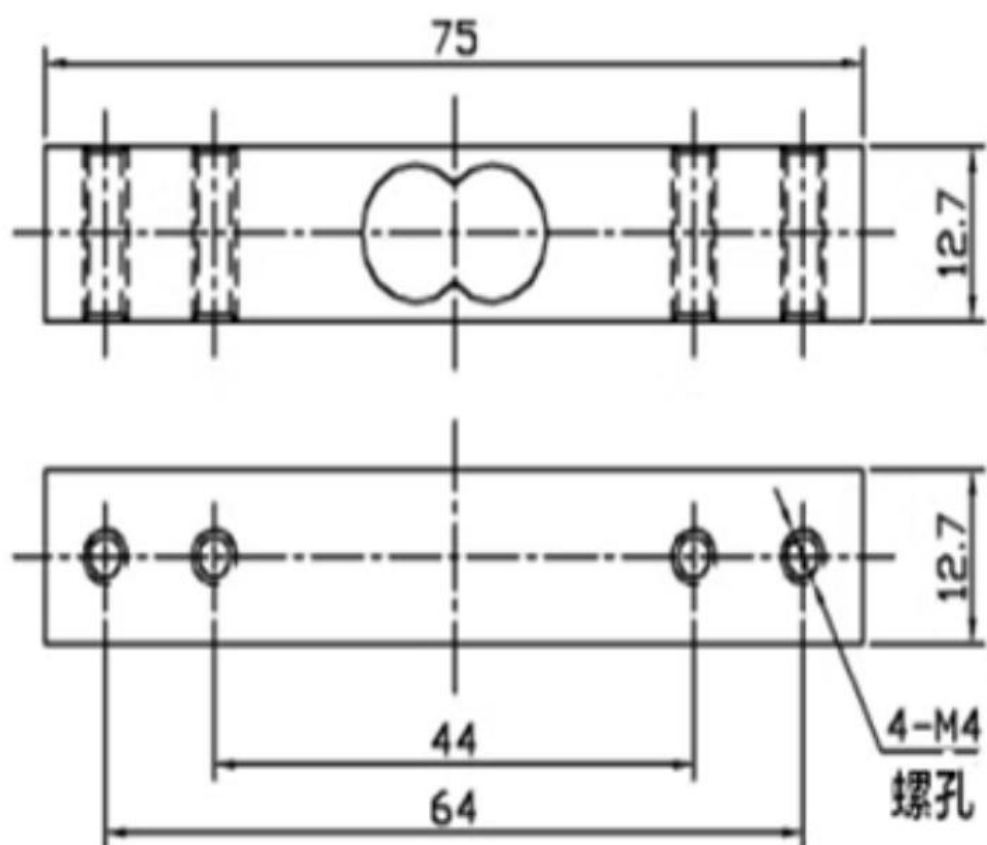
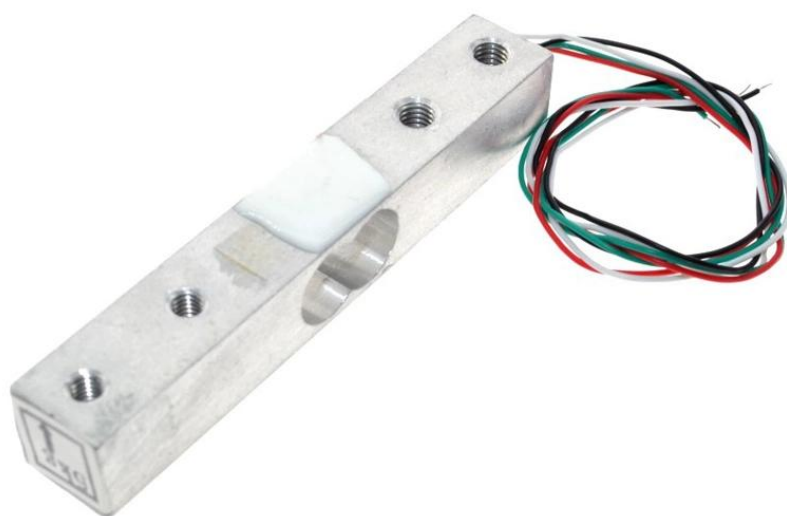
## Connection:

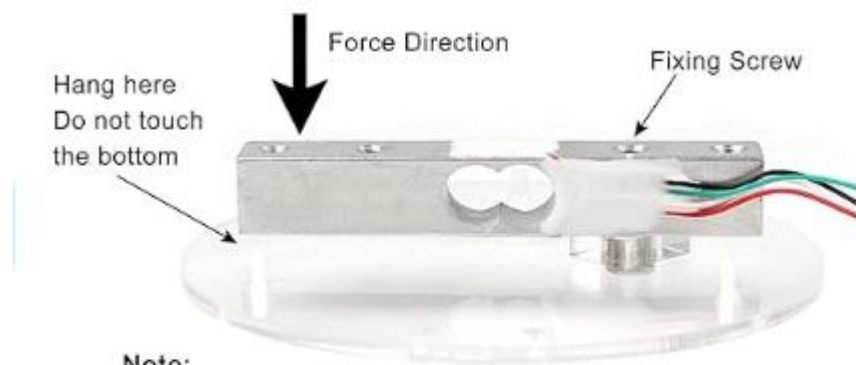
Red to E+

Black on E-

Green on A+

White on a-





**Note:**

Be sure not to press the white glued part directly, so as not to damage the sensor.

