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HX711 Load Cell AD Weight Pressure Sensor AD Module with Display 24-bit W eighing Instrument Electronic Scale

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Your Cee

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breadboard

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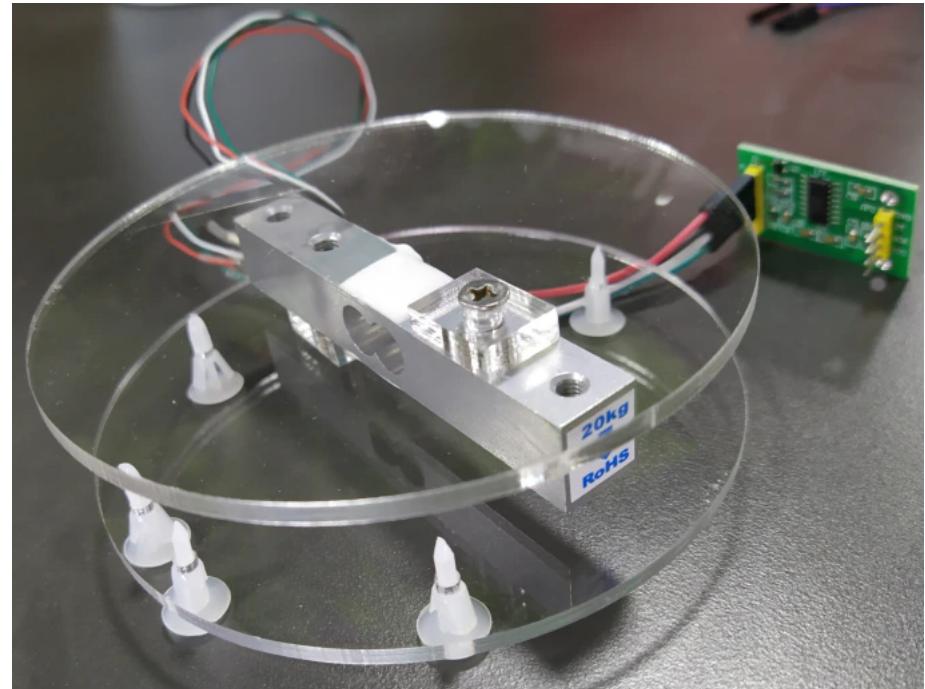


€ 1,31

★ 4.9

804 Sold

YourCee



Weighing sensor display for various weighing display occasions. 24-bit A / D high-precision weight value, the module can convert the weight sensor analog signal while maintaining communication with a computer or PLC and other upper computer systems. It can meet the requirements of automatic control. It is used for weighing indicator, process control instrument, tensile testing machine, etc. It is also suitable for other weighing, mechanical strength test and other measurement occasions.

Product selection:

The A / D, memory, and communication chips used in this module are selected from the world's top electronic device manufacturers. Whether it is the schematic design or the layout and wiring of components on the circuit board, the technology is advanced. Factors such as vibration and the effects of electromagnetic interference such as static electricity, pulse interference, etc., have been considered. Electromagnetic radiation has the advantages of strong anti-interference ability, powerful functions, simple operation, strong reliability, small temperature drift, and high linearity, and can be widely used in weighing industry sites.

Communication instructions:

This module can not only realize high-precision weighing under static state, and then through dynamic digital filtering, digital filtering, make the digital weight signal response faster and more accurate, or can achieve high-speed and accurate weighing under the conditions of shock and vibration. The digital weight signal can be sent regularly through the serial port when the weight changes.

Features:

Small size, engineers can carry it with them, support Micro Android interface power supply

HX711 chip can be built on-site for easy debugging

Send data regularly or when weight changes

Measurement signal range: $\pm 19mV$

Temperature coefficient: $\leq 100ppm / ^\circ C$

A / D conversion rate: 6.25 ~ 100Hz

Comprehensive protection function: with multiple protections such as anti-reverse connection, anti-overvoltage, insulation protection, etc.

Operating temperature range: $-40 ^\circ C \sim + 70 ^\circ C$; Storage temperature range: $-60 ^\circ C \sim + 90 ^\circ C$

Function Description:

Analog-to-digital conversion, digital calibration, peeling, zero setting, anti-shake and other functions

Strong anti-interference ability, strong versatility, small temperature drift, high linearity

Non-volatile storage of characteristic parameters, parameters are still saved after power off;

Display: 4 digital tubes (decimal point can be set, automatic displacement)

Keyboard: 4 keys

Power supply: 5VDC, all copper high-resistant socket 3.5-1.3, power line power supply DC3.5mm

Size: 55 × 35 × 12 (length × width × depth mm)

A / D module acquisition speed: 0-100 times / second optional (default 30)

Number of sensors: 4 350Ω load cells

Application diagram:

(1) Belt scale display

€ 2,50

★ 4.8

164 Sold



HX711 Load Cell Weight Sensor

€ 3,70

★ 4.9

241 Sold



5color*6pcs=30pcs

€ 1,31

★ 4.8

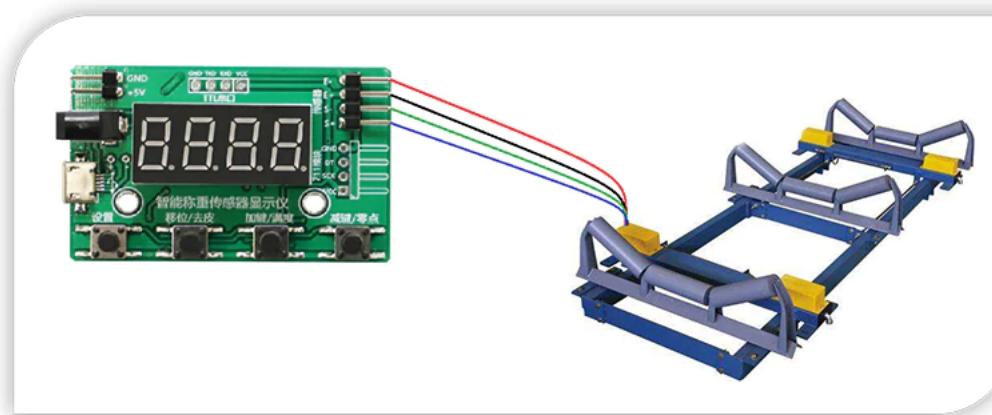
564 Sold

**€ 0,32**

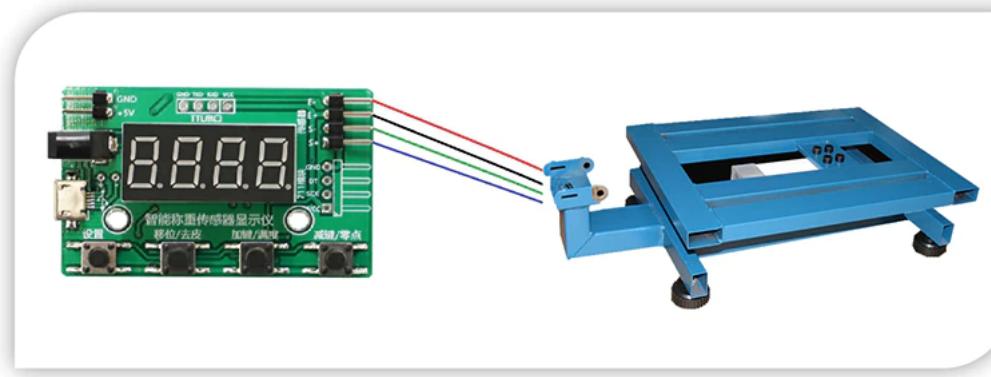
★ 4.8

236 Sold

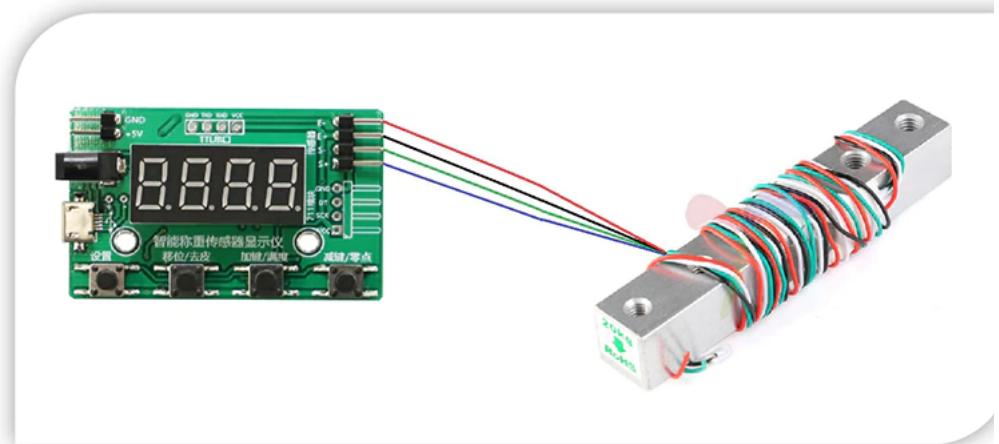
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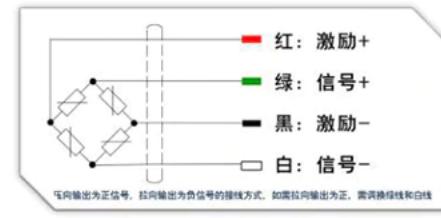
(2) Bench scale modification



(3) Sensor test

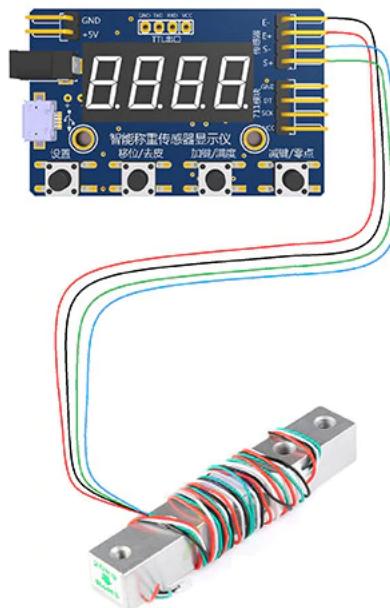


Can be used with the following sensors

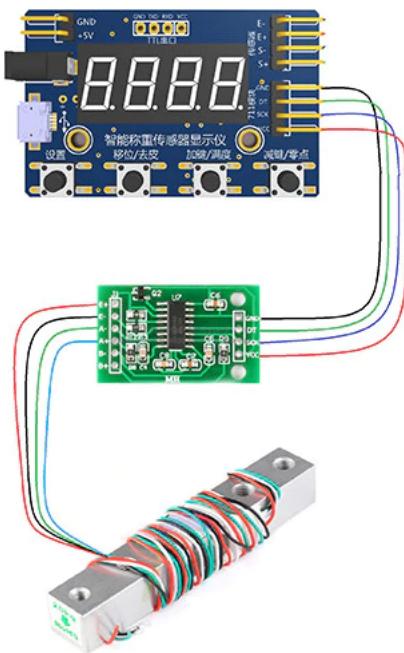


[Wiring diagram:](#)

Built-in HX711



External HX711



Key Function:

Setting—Parameter setting key. In the setting state, it is used to store the new setting value of the parameter and exit setting parameter.

Shift—When in the setting state, press this key to set the corresponding value. In working state, press this key for 3 seconds.

Add key—The set value increase key is used to increase the value in the setting state. In working state, press and hold for 3 seconds to calibrate fullness.

Decrease key—The set value decrease key is used to decrease the value in the setting state. In the working state, press and hold for 3 seconds to calibrate the zero point.

Parameter setting:

dot Decimal point position, the range is 0 ~ 3. For example, the sensor range is 0-20Kg, which can be set to 2. Default 0

ad-h acquisition speed, range 1-100 times / second. Default 20

ts Send data regularly, 0-10.0s, when set to 0, send when the weight changes, send as fast as 3 times per second. Default 0

When the en-b calibration is set to ON, press 3 seconds to enter the calibration in the working state. When set to OFF by default

ini Restore factory settings, default is OFF. When set to ON, the factory settings are restored. OFF by default

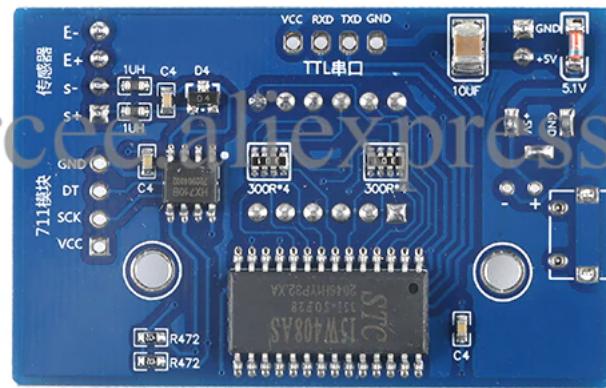
Calibration instructions, peeling:

For example, suppose our calibration is now 100kg sensor.

Zero calibration: Press and hold the minus key for 3 seconds, the screen displays -PL-, and then release the minus key to enter the calibration state. Do not put weight on the scale. Enter 0 on the module and press OK. Display -End zero calibration-

Full-scale calibration: Press and hold the plus button for 3 seconds, the screen displays -PH-, and then release the plus button to enter the calibration state. It can be put on a weight of 20 ~ 100kg, how much kg is put. We enter the weight value and press OK. Display -End full scale calibration is complete.

Tare: Be sure to calibrate the zero point during the first calibration, not just press Tare, and let the meter display the zero. Zero point calibration does not refer to true zero load. Zero point can be calibrated under the condition of tare weight. The sensor range is 100kg, the tare weight is 3Kg (unknown tare weight can be 0Kg by default), and the standard 35kg available. When the zero point is calibrated, no 35Kg weight is added, and the calibration PL = 0.0Kg or 3.0Kg; after 35kg load, the calibration PH = 35.0Kg or (38.0Kg) is sufficient.

YourCee**YourCee**

Customer Reviews (110)

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Additional Feedback (2)

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O*v**

RU

Color: with HX711 Logistics: AliExpress Saver Shipping

In Tyumen delivered in 17 days. Works. I recommend the goods to everyone and the seller 18 Sep 2021 05:54

Helpful? **A***v**

RU

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Fast, high quality, not expensive At the first start, it works... To buy I recommend! The continuation should... 18 Aug 2021 04:19

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RU

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Fast shipping. Good quality. 16 Jul 2021 11:16

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RU

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ES

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ok 07 Sep 2021 07:11

Helpful? **F***r**

FR

Color: with HX711 Logistics: AliExpress Standard Shipping

Perfect 08 Sep 2021 03:07

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AU

Color: with HX711 Logistics: Cainiao Super Economy Global

perfect 08 Sep 2021 09:34

Helpful? **M***j**

IT

Color: with HX711 Logistics: AliExpress Standard Shipping

Works perfectly thanks 06 Sep 2021 22:48

Helpful? Yes

GR

Color: with HX711 **Logistics:** AliExpress Standard Shipping
thanks 21 May 2021 08:51



Helpful? Yes

AT

Color: with HX711 **Logistics:** AliExpress Saver Shipping
thank you very much, your HX711 Pressure Sensor Module arrived today already. 01 Sep 2021 05:33

Helpful? Yes

Buyer Questions & Answers (4)

how to connect to Arduino? I can read the load cell but cannot read values in Arduino. thanks

Как точно и быстро взвешивает ? - можно менять g,oz....

привет. достаточно ли 4,5 вольт для стабильной работы или нужно именно 5? каков потребляемый ток?

Hi analog transmitter kg max

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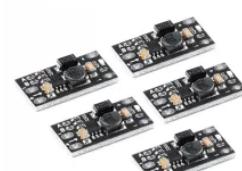
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HLK-20D2407
HLK-20D2407C
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HLK-20D2405C
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DC-DC Isolated Non-regulate...

€ 7,72

7 Sold

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SPCS Mini DC-DC Boost Step...

€ 1,31

804 Sold

Your Cee

DC-DC Isolated Non-regulate...

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11 Sold

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BMP388 Air Pressure Sensor...

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UU9.8/UF9.8

SPCS UU9.8 UF9.8 Common ...

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Your Cee

6-60v 10A Lithium Battery C...

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3 Sold

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XY-L10A

5pcs Microc...

€ 0,32

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Digital Display





Load Cell 1KG 5KG 10KG 20K...
€ 0,53
1143 Sold



DC 3.3V 5V 4Bit Red Digital T...
SALE € 4,75



Load Cell 1KG 5KG 10KG 20K...
€ 0,59
270 Sold



Load Cell HX711 AD Module ...
€ 2,53
19 Sold



Load Cell H
€ 4,48
41 Sold

Electronics



4Pcs 50kg Human Scale Loa...
SALE € 0,52
150 Sold

HX711 AD Converter Breakout Module
+
5KG Portable Electronic Kitchen Scale



Digital Load Cell Weight Sens...
SALE € 2,76
102 Sold



HX711 AD Module Body Loa...
SALE € 0,48
286 Sold



Digital Load Cell Weight Sens...
€ 4,45
69 Sold

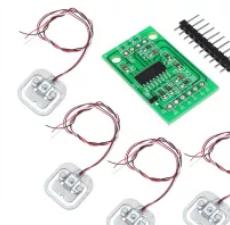


Load Cell H
SALE € 4,48
1 Sold

GM DIY MORE



4Pcs 50kg Human Scale Loa...
SALE € 0,50
88 Sold



4PCS Human Scale Load Cell...
SALE € 3,99
195 Sold



1PCS X, Load cell indicator In...
Free Shipping
€ 37,45
4 Sold



4Pcs 50kg Human Scale Loa...
SALE € 1,47
477 Sold



HX711 AD M
SALE € 1,47
133 Sold

Load cell electronic scale module



Digital Load Cell Weight Sens...
SALE € 4,35
31 Sold

WorldChips



dymore Weighing Transmitt...
SALE € 11,00
51 Sold

AI_god_ire_free_digging



Load Cell 1KG 5KG 10KG 20K...
€ 0,72
724 Sold

TRANSDUCER



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37 Sold



Durable in
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92 Sold



Digital Load Cell Weight Sens...
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€ 14,80

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EstarDyn



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Load C
SALE
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2 Sold



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Strain Gaug
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34 Sold

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