Contents

1 About

This is project of DIY dynameter

2 Amplifier - HX711

2.1 Amplifier schema

This is the schema for all the wireing with arduino Schema

2.2 HX711 library

You can download the necessary library here Download

2.3 Arduino code

Necessary code:
- calibration the code is here
- measurement the code is here

2.4 Datasheet

link

2.5 Load cell wireing

Not important

HX711	Load cell
E+	white
E-	red
S+	black
S-	green

3 Basic load cell resistance checks

Resistance check	Typical 350 Ω
Ex+ to Ex-	~410Ω
S+ to S-	350Ω
Ex+ to S+	~315Ω
Ex+ to S-	~315Ω
Ex- to S+	~280Ω
Ex- to S-	~280Ω