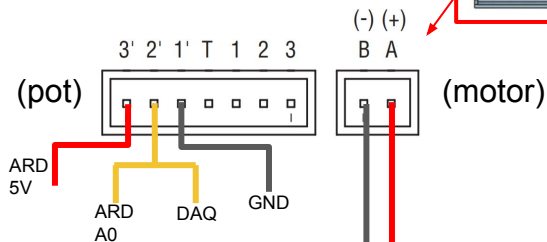
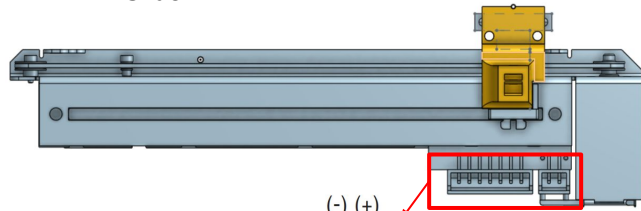
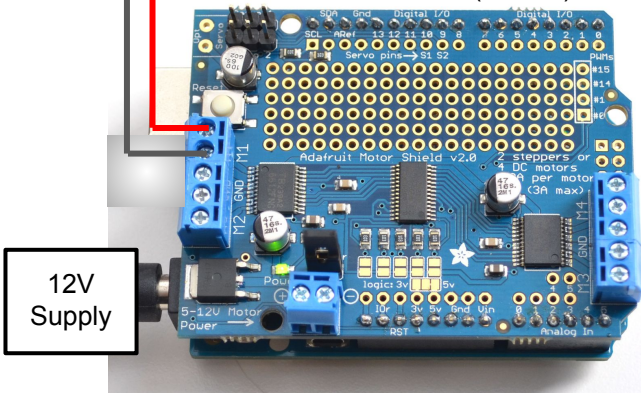


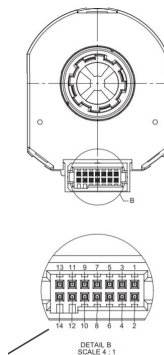
Slider



Motor Shield 1 (bottom)



Encoder



#	Function
1	N/A
2	CSB
3	MISO
4	GND
5	SCK
6	+5 V
7	MOSI
8	B
9	N/A
10	A
11	N/A
12	Z
13	N/A
14	N/A

ARD 49

ARD 50

GND

ARD 52

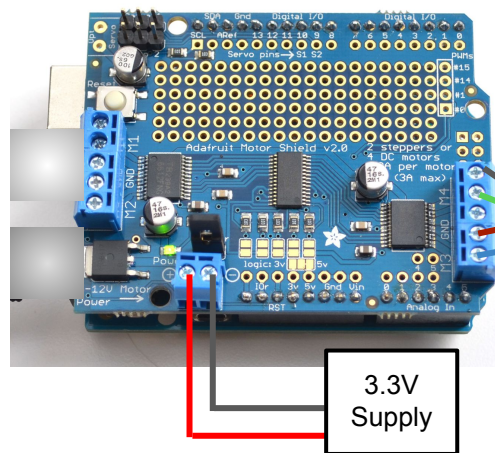
ARD 5V

ARD 51

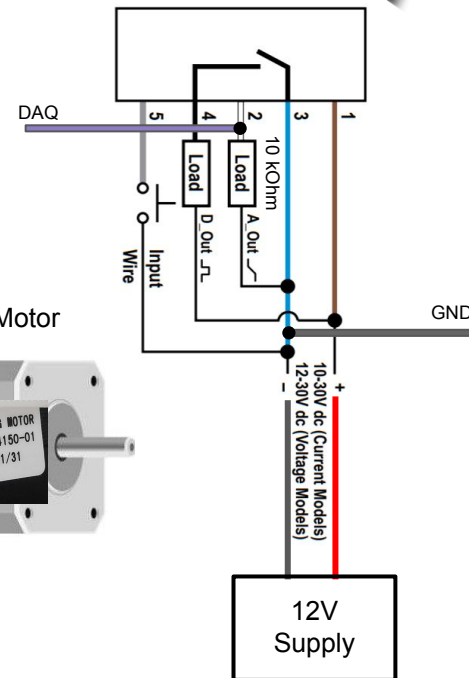
ARD = Arduino

DAQ = Data Acquisition System

Motor Shield 2 (top)



Fiber Optic Sensor



Stepper Motor

