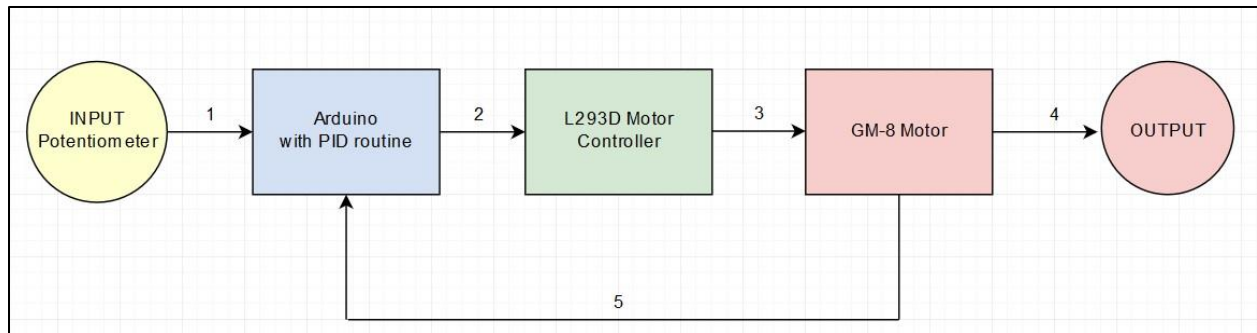


SERVO PID LOOP BLOCK DIAGRAM



INTERFACE DEFINITIONS

Interface	Out / In	Description
1	Potentiometer / Arduino Pin	Potentiometer value interpreted by Arduino as integer between 0-270
2	Arduino Pin / L293D Pin	5 Volt PWM signal 8-bit digital range from 0-255
3	L293D Pin / GM-8 Motor	
4	GM-8 Motor	Output angle between 0-270
5	GM-8 Motor / Arduino Pin	