```python
from DRV8833 import *
from Encoder import *

class MotorController:

    def __init__(self, motor, encoder):
        '''Controller for a single motor
        motor: motor driver (DRV8833)
        encoder: motor encoder (Encoder)
        '''
        self.mot = motor
        self.end = encoder

    def p_control(self, desired_cps, P=1):
        '''Set motor control to rotate at desired_cps'''
        actual_cps = self.end.get_cps()
        error = desired_cps - actual_cps
        self.mot.set_speed(P*error)
        # return speed (e.g. for plotting)
        return actual_cps
```