Arduino code Wisselbesturing KeesN

const int SwitchPin = 2;

const int Tor1Pin = 9;

const int Tor2Pin = 10;

int SwitchState = 0;

int WisselState = 0; // Low = wissel staat naar links, High = naar rechts.

void setup() {

pinMode(9, OUTPUT);

pinMode(10, OUTPUT);

pinMode(SwitchPin, INPUT);

}

void loop() {

SwitchState = digitalRead(SwitchPin);

if (SwitchState == HIGH) {

if (WisselState == HIGH) {

digitalWrite (10, LOW);

delay (500);

digitalWrite (10, HIGH);

delay (500);

WisselState = LOW; }

else {

digitalWrite (9, LOW);

delay (500);

digitalWrite (9 , HIGH);

delay (5 00);

WisselState = HIGH;}

} }