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;}

 } }