**PONTE AD H CON 2 RELE’**

Controllo verso di rotazione motori in tensione continua.



Schema Thinkercad



**Codice Arduino**

int incomingByte = 0; // for incoming serial data

void setup() {

 pinMode(2, OUTPUT);

 pinMode(3, OUTPUT);

 Serial.begin(9600);

}

void loop() {

 if (Serial.available() > 0) {

 // leggo numeri da 0-9 (1 cifra) associati

 incomingByte = Serial.parseInt();

 Serial.println(incomingByte);

 if (incomingByte==1) {

 Serial.println("M1 ORARIO");

 digitalWrite(2, HIGH);

 digitalWrite(3, LOW);

 }

 else if (incomingByte==2) {

 Serial.println("M1 ANTIORARIO");

 digitalWrite(2, LOW);

 digitalWrite(3, HIGH);

 }

 else if (incomingByte==3) {

 Serial.println("STOP");

 digitalWrite(2, HIGH);

 digitalWrite(3, HIGH);

 }

 else if (incomingByte==4) {

 Serial.println("STOP");

 digitalWrite(2, LOW);

 digitalWrite(3, LOW);

 }

 else

 {

 Serial.println("????");

 }

 }

}