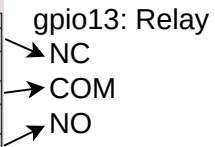



**06.04.2024**







**-control-box=>relay-box chair-**

**Mini-DIN 6 connector  
(PS/2 6 pin cable)**

green: GND  
red: — 12V  
yellow: relay leg support UP  
orange: relay leg support DOWN  
pink: — relay back support DOWN  
brown: relay back support UP



	0 Ohm Resistor
	3v3 Z-Diode
	0 Ohm Optional
[xxx]	Conflicting Component
xx	nopop
	critical / important

# Components on Pump

## servo

**Oelflex 12x0.5mm<sup>2</sup>**  
gn : GND (brown)  
1: 12V (red)  
2: PWM signal (orange)



DS51150-12V

<https://de.aliexpress.com/item/1005006064899449.html>



## Flow meter

**Oelflex 3x0.5mm<sup>2</sup>**  
gn : GND (black)  
1: 5V (red)  
2: Pulse out (yellow)



1l = 12 pulses  
5-24V

Cable Connection: Red: Positive+ (IN) ; Black: Negative- (GND) ; Yellow: NPN Pulse signal (OUT)

<https://de.aliexpress.com/item/4000379407344.html>

## pressure sensor

**Oelflex 12x0.5mm<sup>2</sup>**  
gn : GND (black)  
1: 5V (red)  
2: Analog-out (green)



0.5 - 4.5V  
0 - 500 psi  
0 - 34.5 bar

<https://de.aliexpress.com/item/1005003614240635.htm>

## Pump->Box

**D-Sub 9 pin**  
1, 2, 3: GND  
4, 5, 6: 12V  
7: 5v  
8: flow  
9: pressure  
10: servo

