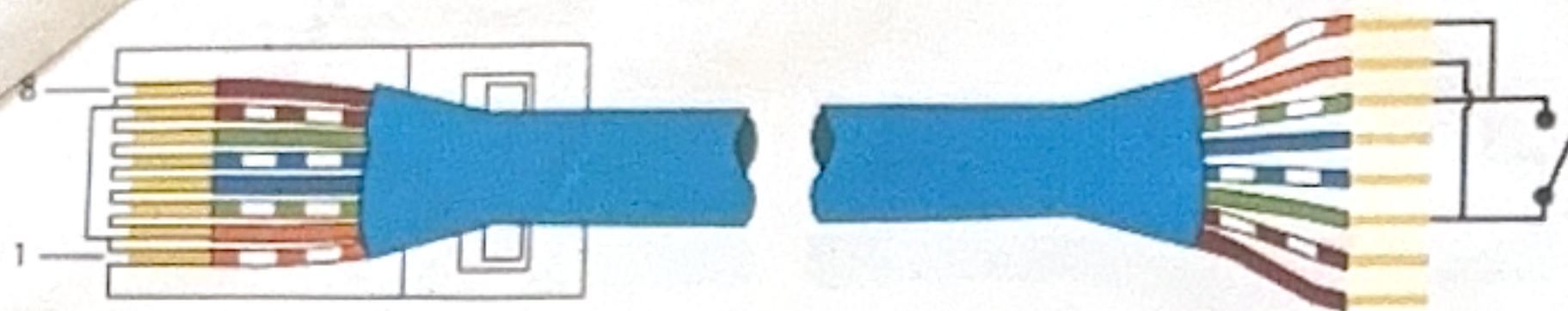


- Y2 - RJ45
- Z1 - RJ45
- Z2 - RJ45



pin#	color	interlock
pin-1	orange-white	pin-1
pin-2	orange	pin-2
pin-3	green-white	pin-1
pin-4	blue	-
pin-5	blue-white	-
pin-6	green	pin-2
pin-7	brown-white	-
pin-8	brown	-

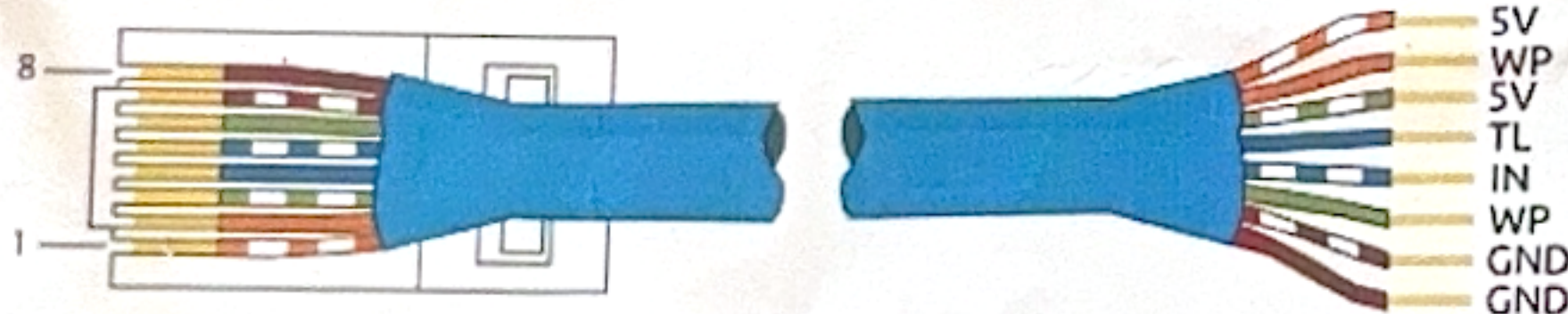
5V
5V
SCL 0
SDA 0
SCL 1
SDA 1
GND
GND

TL wird nun genutzt!
R₁ und R₂ auf Relaisboard
entfernt!
Pullup WP

Laser Control

The control wire connects to the control port of the laser PSU. The typical pins are | 5V | TH | TL | WP | GND | IN | and all but TH need to be connected as follows.

- LASER, RJ45

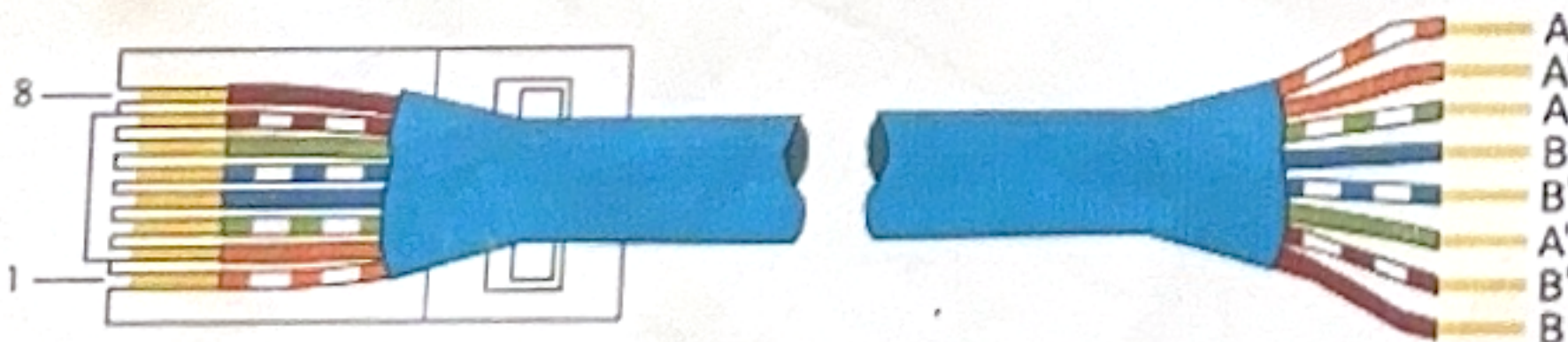


pin#	color	laser PSU
pin-1	orange-white	5V
pin-2	orange	WP
pin-3	green-white	5V
pin-4	blue	TL
pin-5	blue-white	IN
pin-6	green	WP
pin-7	brown-white	GND
pin-8	brown	GND

Stepper Motors

Stepper motors are all driven by energizing two sets of coils. A and A' is one set and B and B' is the other set. This board assumes 2x 26 AWG for wiring and results in a maximum supported nominal current of about 3.5A. Make sure to configure the stepper drivers to match the motors.

- X, RJ45
- Y, RJ45
- Z, RJ45



pin#	color	motor
pin-1	orange-white	A
pin-2	orange	A'
pin-3	green-white	A
pin-4	blue	B
pin-5	blue-white	B'
pin-6	green	A'
pin-7	brown-white	B'
pin-8	brown	B