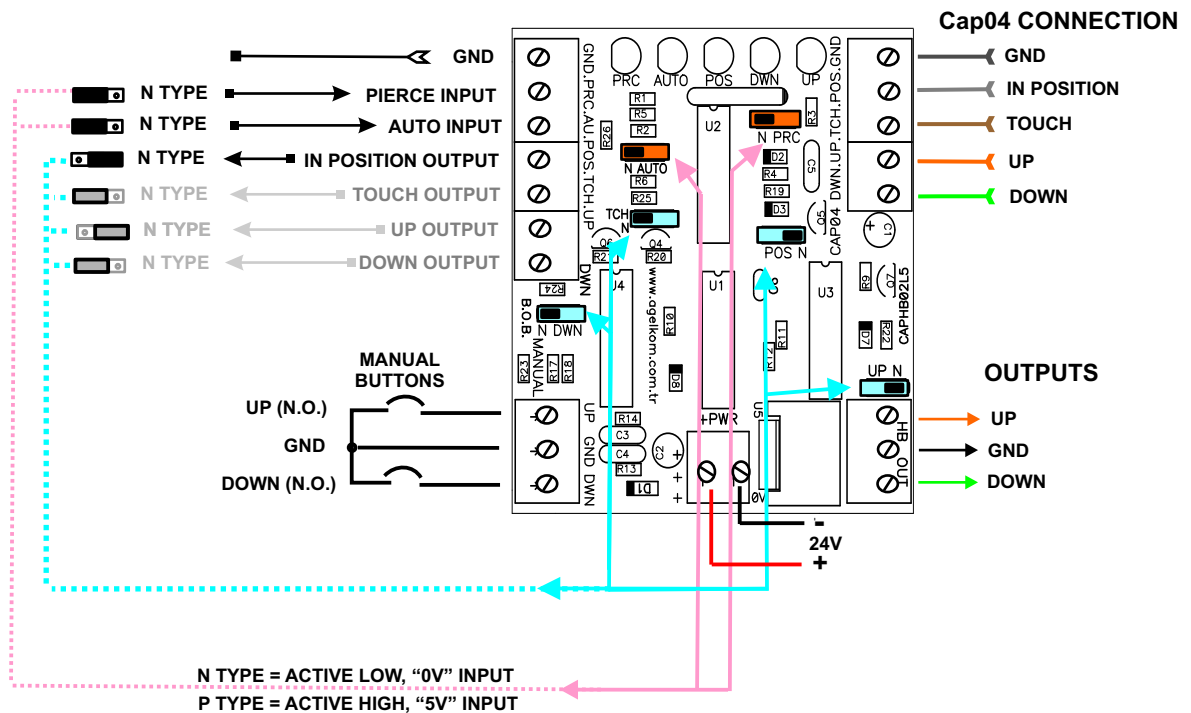


# STAND ALONE TORCH LIFTER INTERFACE

## CapHB-02L5

### CONNECTION DIAGRAM

**BLACK wires are for minimum requirements**  
**Your CNC controller must have 2 outputs and 1 input for proper operation**



#### INPUTS and OUTPUTS LEVELS

Inputs: 5V

Outputs P TYPE: 5V

Outputs N TYPE : 24V (can be connected)

#### Operation sequence:

When the PRC (Pierce) signal is applied, torch UP outputs is active (high)

This input also used for UP movement (without Piercing) end of cutting process.

When the AUTO signal is applied, torch UP and DOWN outputs are activate as Cap04 outputs.

InPosition signal is as "Start to Move X/Y" signal for your CNC.

If your CNC controller has no such input, you can wait a proper period until your torch arrives at cutting level.

#### Testing:

- \* Input Jumpers position must be check with LEDs, .
- \* When the PRC jumper is N position, short PRC and GND inputs, PRC and UP LEDs must be ON.
- \* Also, when the AUTO jumper is N position, short AUTO and GND, AUTO LED must be ON.

#### Warning:

- \* DURING THE AUTO MODE, "MANUAL DOWN" IS DISABLED.
- \* IN MANUAL MODE , Cap04 "DOWN" SIGNAL IS DISABLED ALSO.
- \* YOU CAN DOWNLOAD M3 AND M5 MACROS FOR MACH3, FROM [www.agelkom.com.tr](http://www.agelkom.com.tr)