

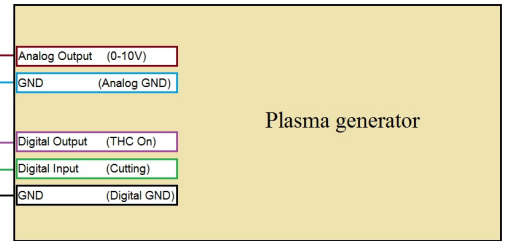
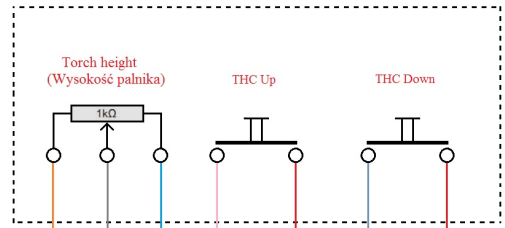
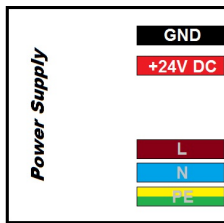
CSMIO/IP-M

| Analog I/O connector | |
|----------------------|-----------------|
| PIN number | Description |
| 5 | 10V (max. 50mA) |
| 3 | Analog Input 1 |
| 7 | Analog Input 0 |
| 2 | GND |

| Digital inputs connector | |
|--------------------------|-------------|
| PIN number | Description |
| 1 | 0 (+) Input |
| 2 | 1 (+) Input |
| 3 | 2 (+) Input |
| 14 | 0 (-) Input |
| 15 | 1 (-) Input |
| 16 | 2 (-) Input |

| STEP/DIR & digital outputs connector | |
|--------------------------------------|----------------------------------|
| PIN number | Description |
| 9 | 24V power supply for 0.3 outputs |
| 10 | Output 0 |
| 22 | 0V power supply for 0.3 outputs |

| Power connector | |
|-----------------|----------------|
| PIN number | Description |
| 1 | Power - 24V DC |
| 2 | GND |
| 3 | Ground |



| Signal | Enabled | Port # | Pin Number | Active Low |
|-----------|-------------------------------------|--------|------------|-------------------------------------|
| Enable2 | <input checked="" type="checkbox"/> | 1 | 0 | <input checked="" type="checkbox"/> |
| Enable3 | <input checked="" type="checkbox"/> | 0 | 0 | <input checked="" type="checkbox"/> |
| Enable4 | <input checked="" type="checkbox"/> | 0 | 0 | <input checked="" type="checkbox"/> |
| Enable5 | <input checked="" type="checkbox"/> | 0 | 0 | <input checked="" type="checkbox"/> |
| Output #1 | <input checked="" type="checkbox"/> | 10 | 0 | <input checked="" type="checkbox"/> |
| Output #2 | <input checked="" type="checkbox"/> | 0 | 0 | <input checked="" type="checkbox"/> |
| Output #3 | <input checked="" type="checkbox"/> | 0 | 0 | <input checked="" type="checkbox"/> |
| Output #4 | <input checked="" type="checkbox"/> | 0 | 0 | <input checked="" type="checkbox"/> |

Pins 2 - 9, 1, 14, 16, and 17 are output pins. No other pin numbers should be used.

Relay Control

Disable Spindle Filters

Use Spindle Motor Output

Clockwise (M3) Output # [1]

Counter Clockwise (M4) Output # [1]

Output Signal #3-1-5

Minimum PWM [0] %

Maximum PWM [5] %

ModBus Spindle - Use Step/Dir as well

Max ADC Count [16380]

OK Anuluj Zastawaj

THC Analog Mode

Enabled Swap Up/Down

Potentiometer input: Analog IN 1

Plasma input: Analog IN 0

Deadband: [0.2] V

| Signal | Enabled | Port # | Pin Number | Active Low | Emulated | HotKey |
|-------------|-------------------------------------|--------|------------|-------------------------------------|-------------------------------------|--------|
| Index | <input checked="" type="checkbox"/> | 0 | 0 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 0 |
| Limit Overd | <input checked="" type="checkbox"/> | 0 | 0 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 0 |
| Estop | <input checked="" type="checkbox"/> | 0 | 0 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 0 |
| THC On | <input checked="" type="checkbox"/> | 10 | 2 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 0 |
| THC Up | <input checked="" type="checkbox"/> | 10 | 0 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 0 |
| THC Down | <input checked="" type="checkbox"/> | 10 | 1 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 0 |
| GEM Trig #1 | <input checked="" type="checkbox"/> | 0 | 0 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 0 |
| GEM Trig #2 | <input checked="" type="checkbox"/> | 0 | 0 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 0 |
| GEM Trig #3 | <input checked="" type="checkbox"/> | 0 | 0 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 0 |

Pins 10-13 and 15 are inputs. Only these 5 pin numbers may be used on this screen.

Automated Setup of Inputs

OK Anuluj Zastawaj