

# 4-channel Valve Controller

## UVC 3.21

Date: 2016.05.13

Version: 1.0

The ReseaTech 4-channel Valve Controller is designed to drive up to 4 electromagnetic valves. Waveform, timing and trigger events can be set individually.

### Features

- 8...36 VDC, max 2.5 A (current controlled)
- USB Interface with ASCII protocol
- Individual waveform for each channel
- Waveform memory for stand alone use
- external trigger inputs

### Applications

- B-drop mini
- 3th party solenoid microvalves



### Technical Data

Input Voltage	8 .. 36 VDC
Controller current consumption	20 mA
Max. current output per channel	2.5 A (pulsed, $t < 0.1$ s)
Continuous current per channel	0.25 A
Current direction	Unipolar / bipolar (H-bridge)
Trigger input	Opto-isolated, Signal = 3.3 ... 24 VDC
Max Waveform points	16 / channel
USB communication	Virtual Comm Port (VCP), auto baudrate detection, max 115'200 baud
Mechanical dimensions: (L x W x H)	104 x 69 x 26 mm, anodized alloy housing
Weight	140 g