



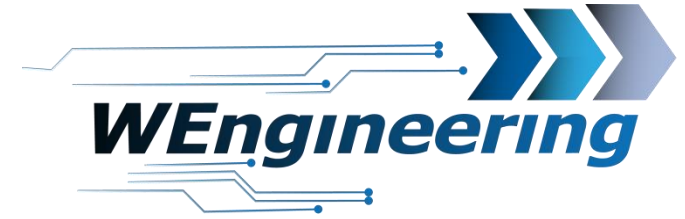
***WEngineering***



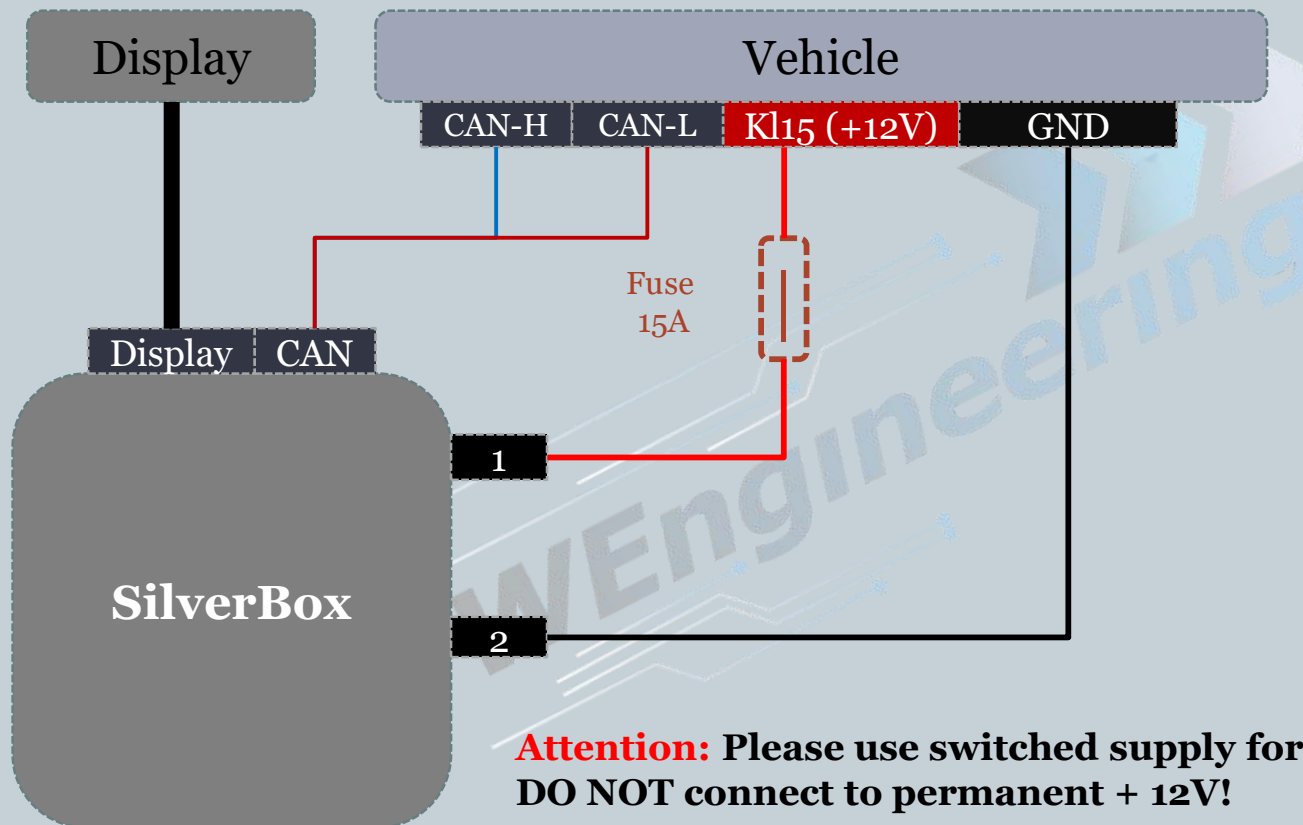
# Schematic SilverBox

Version:V1.0

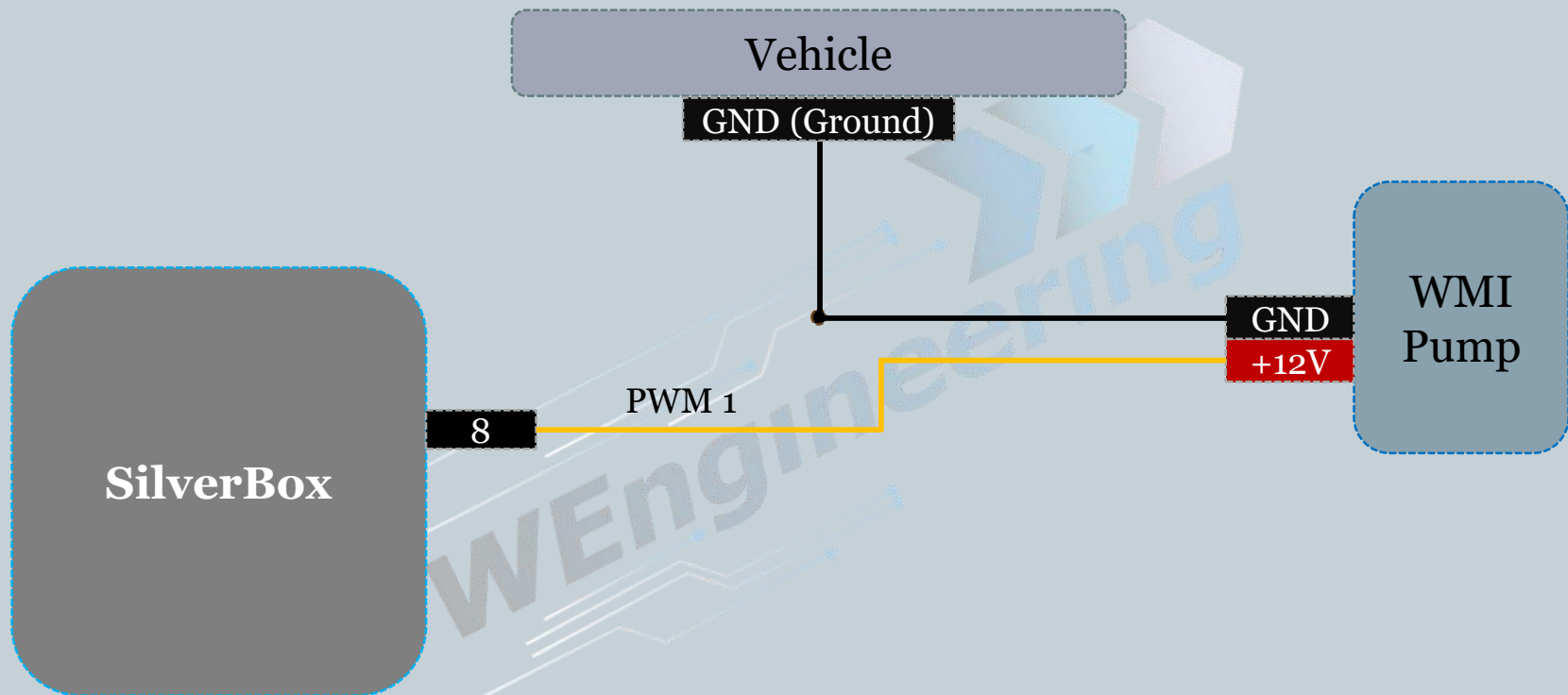
Datum:06.14.2021



## Control unit connection diagram on the vehicle side



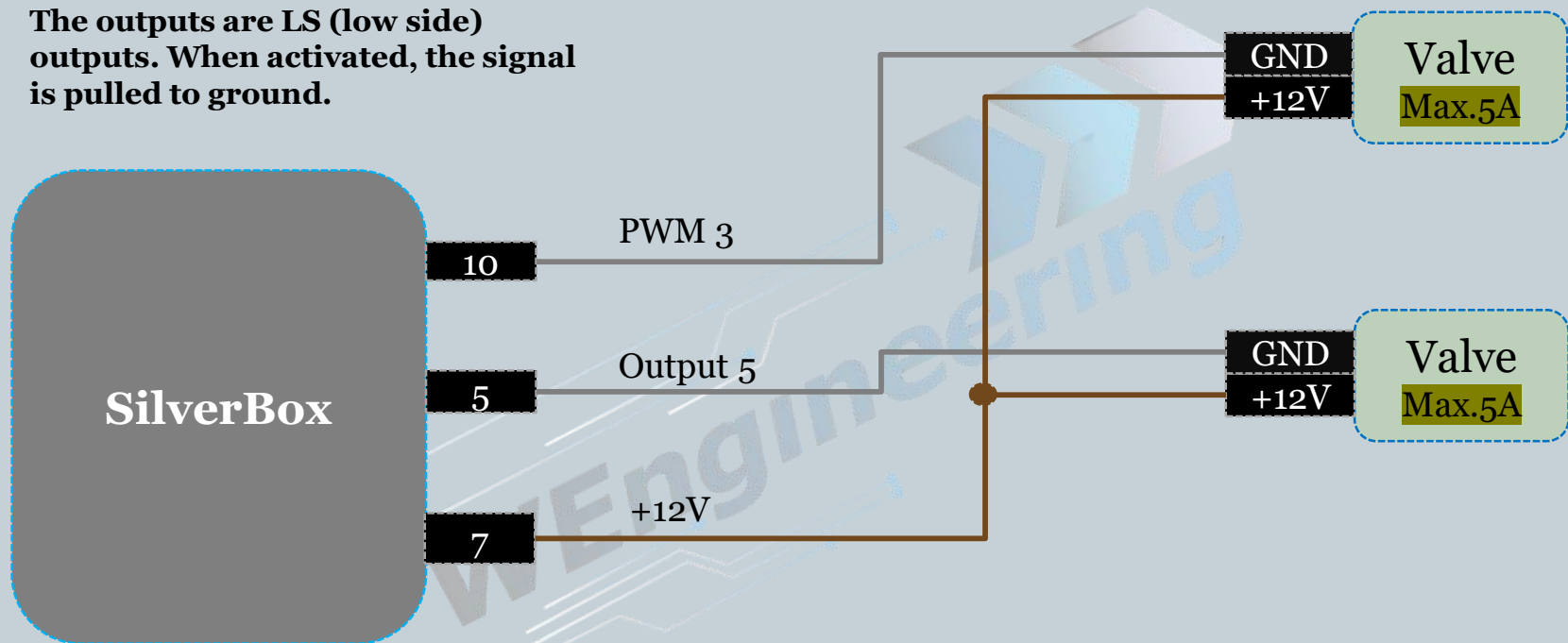
## Control unit connection diagram WMI pump



**These outputs can also be used to control electromagnetic/solenoid valves. Max. 12A**

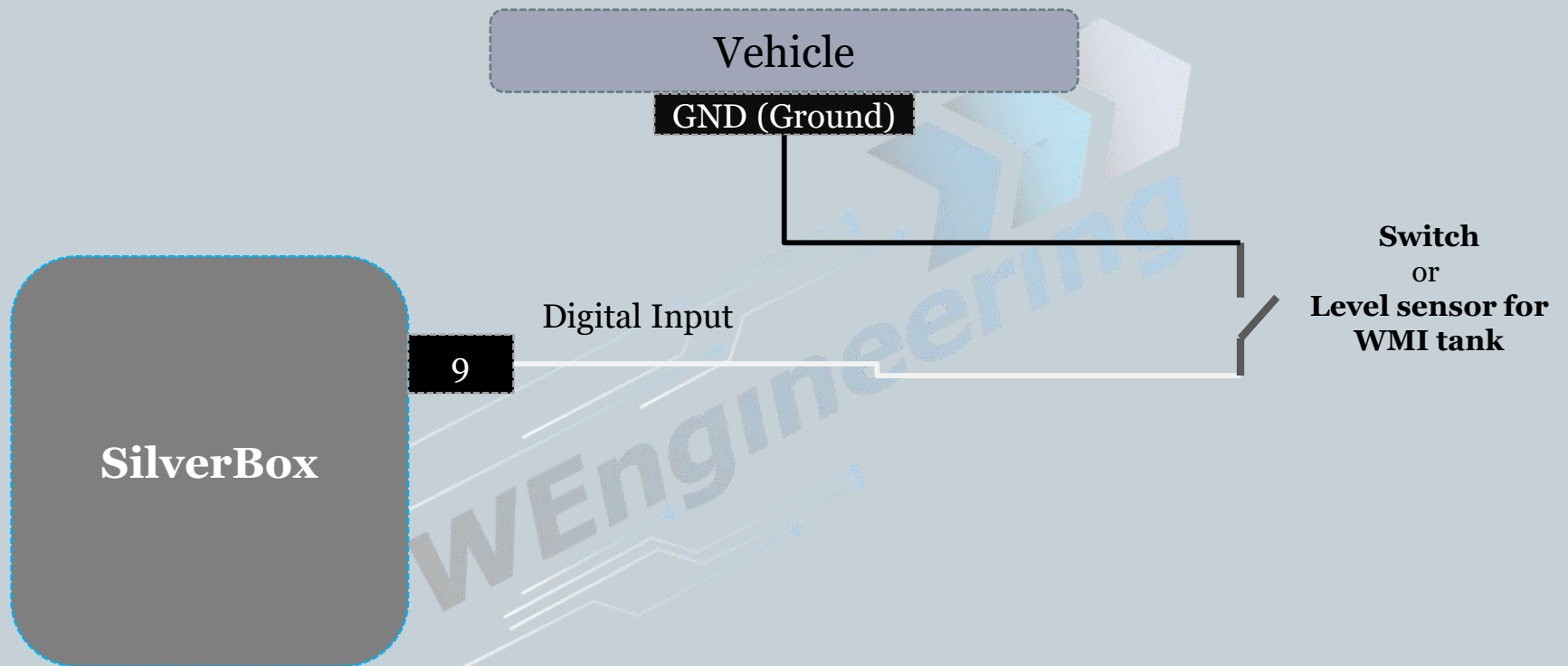
## Control unit connection diagram outputs

The outputs are LS (low side) outputs. When activated, the signal is pulled to ground.

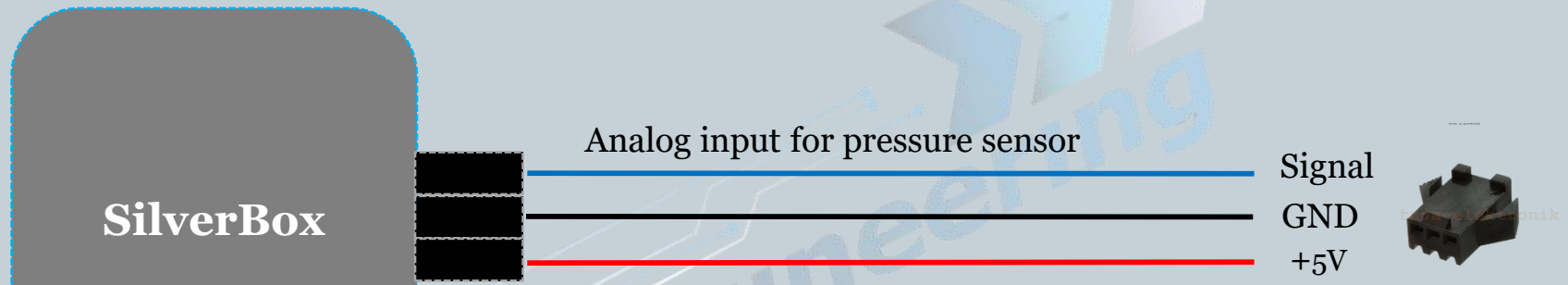


Note: PWM output can be used also as an digital output.

## Control unit connection diagram inputs



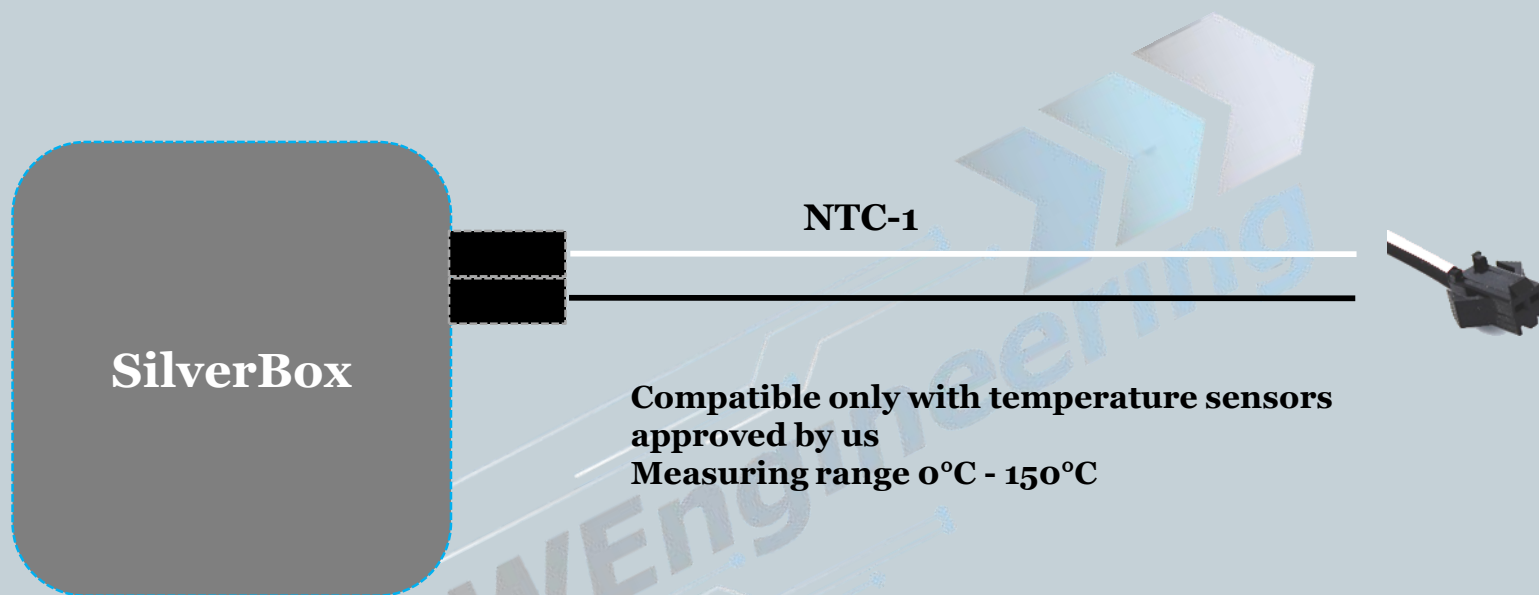
## Control unit connection diagram pressure sensor



**Compatible only with pressure sensors approved by us**



## Control unit connection diagram temperature sensor NTC



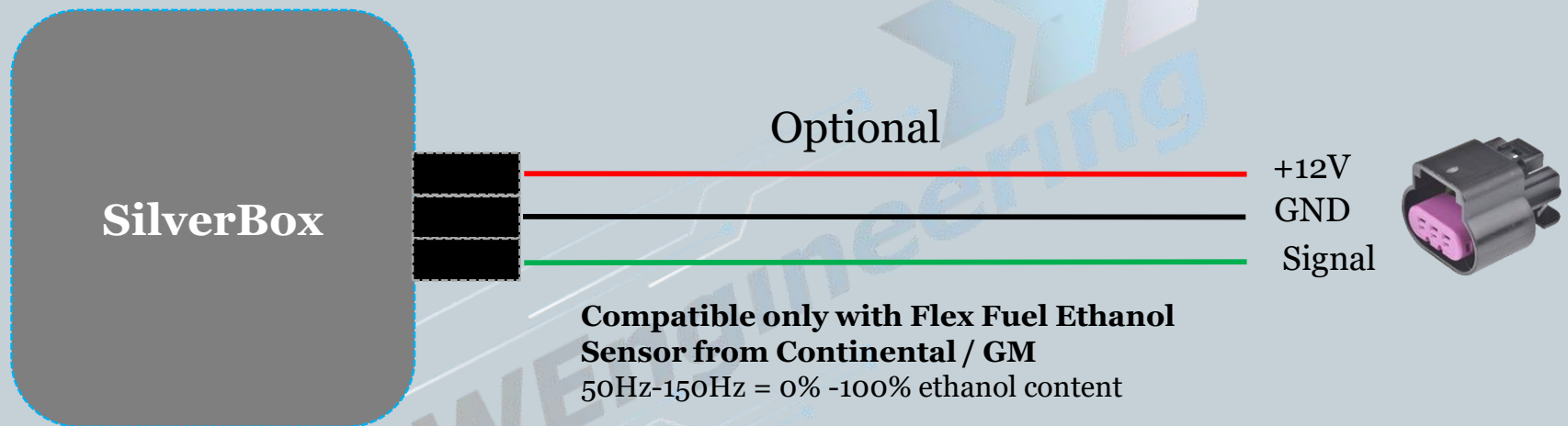
**SilverBox**

**NTC-1**

**Compatible only with temperature sensors  
approved by us  
Measuring range 0°C - 150°C**



## Control unit connection diagram for ethanol sensor



**Compatible only with Flex Fuel Ethanol Sensor from Continental / GM**  
50Hz-150Hz = 0% -100% ethanol content



## Connection for WMI flow sensor



**Compatible only with flow sensor provided by us.**  
**Flowrate: 100cc-1200cc**

## Specification

- Input voltage: 10V-15V
- 1x PWM outputs 12A
- 1x PWM outputs 5A
- 1x digital outputs 5A
- 1x digital input
- 1x inputs NTC temperature sensors 0-150 °C
- 1x input for flex fuel ethanol sensor 50Hz-150Hz = 0% -100%
- 1x connection for WMI flow sensor
- 1x USB