

## Benefits:

- High Power Coil
- IP 68 Rating
- Low Energy consumption
- High Reliability
- For all applications



## High Power Ignition Coil

The ignition system is an important part for gas engines. Reliability, precise firing, timing and endurance is expected from an ignition system. This is what Huegli Tech stands for. Engineering has designed a high power coil which can be used in all applications e.g. Natural Gas, Bio Gas, Syn Gas or others.

## Energy level

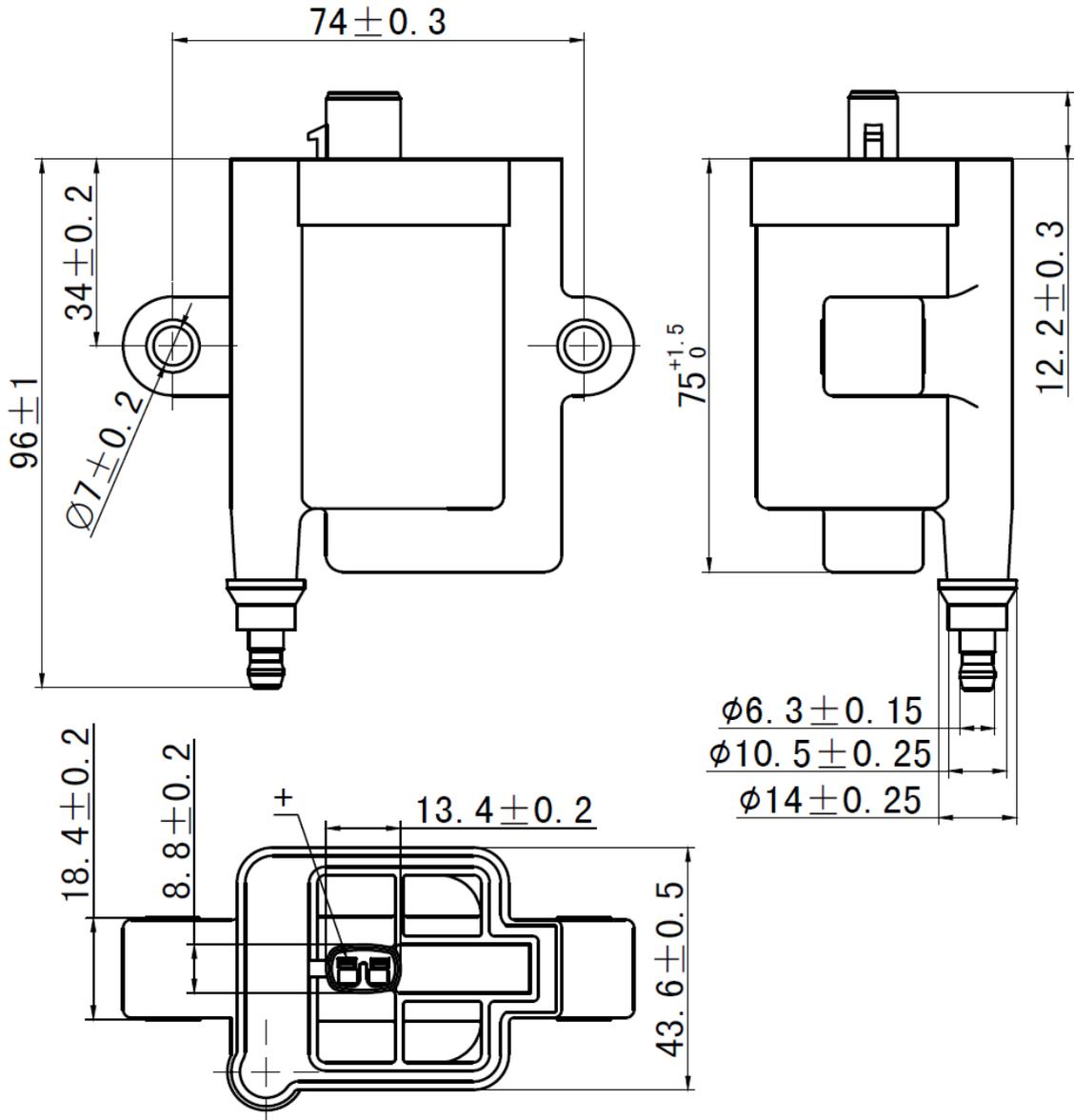
Combined with the HT-LEF-100 ignition system, the output of the coil can reach up to 32kV.

## Complete combustion

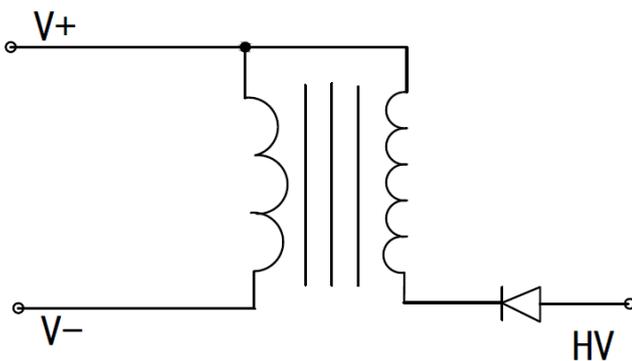
Due to the adjustable dwell timing, the spark firing time can be up to 1.5ms which allows for complete combustion with low calorific valued gas.

## Technical Specification

### Dimensions:



### Circuit Diagram:



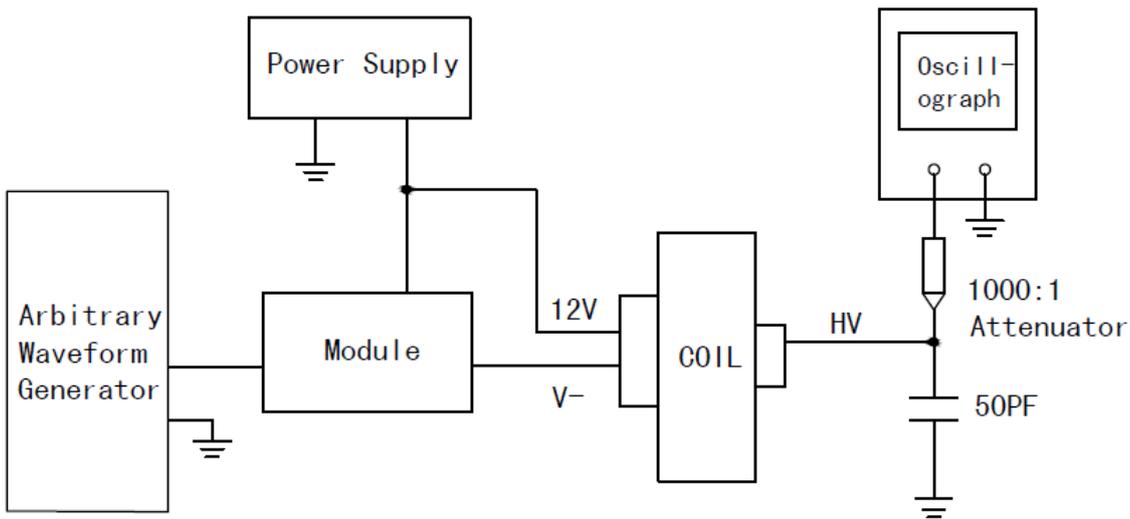
## Electrical Specifications

Primary Resistance(t=20oC).....0.31 ± 10% Ω  
 Primary Inductance(t=20oC).....2.5 ± 15% mH  
 Secondary resistance.....9.1+/-12% Kohm  
 Secondary inductance.....18+/-15% H.  
 Supported Input Voltage Range.....  
 .....12 to 24Vdc Supply  
  
 Operating Temperature.....-40°C-120°C  
 International Protection Rating.....IP68

### Output Voltage (Under Following Conditions):

- Input voltage : 12V
- Dwell Time: 3.2ms
- Load : 50 pF
- Uout: up to 32 ± 10% KV
- Spark Energy: 100± MJ @12VDC
- Primary Current: 7.3 ± 0.5A

## Test Circuit



Local Distributor / Partner:



HUEGLI TECH AG (LTD)  
 Murgenthalstrasse 30  
 4900 Langenthal Switzerland  
 Phone: +41 62 916 50 30  
 Fax: +41 62 916 50 35

e-mail: sales@huegli-tech.com  
 www.huegli-tech.com