

## Integral Ignition Coil

P/N 95.09.222-12

### Dimensions

- Length 303.9 mm (11.965")  
*(more dimensions see drawing)*

### Connections

- Primary side 3 pin military connector
- Secondary side 13/16-20 UNEF (internal thread)
- Torque primary side 3 Nm  $\pm$ 10 % (2.2 lb-ft  $\pm$ 10 %)

### Mechanical Data

- Weight 831 g (1.8 lb)
- Torque for installation 15 Nm (11.1 lb-ft)  
See installation instruction

### Climatic Environmental Conditions

- Permissible temperature range -20 °C to +100 °C (-4 °F to 212 °F)
- Maximum relative humidity 95 %

### Electrical Data

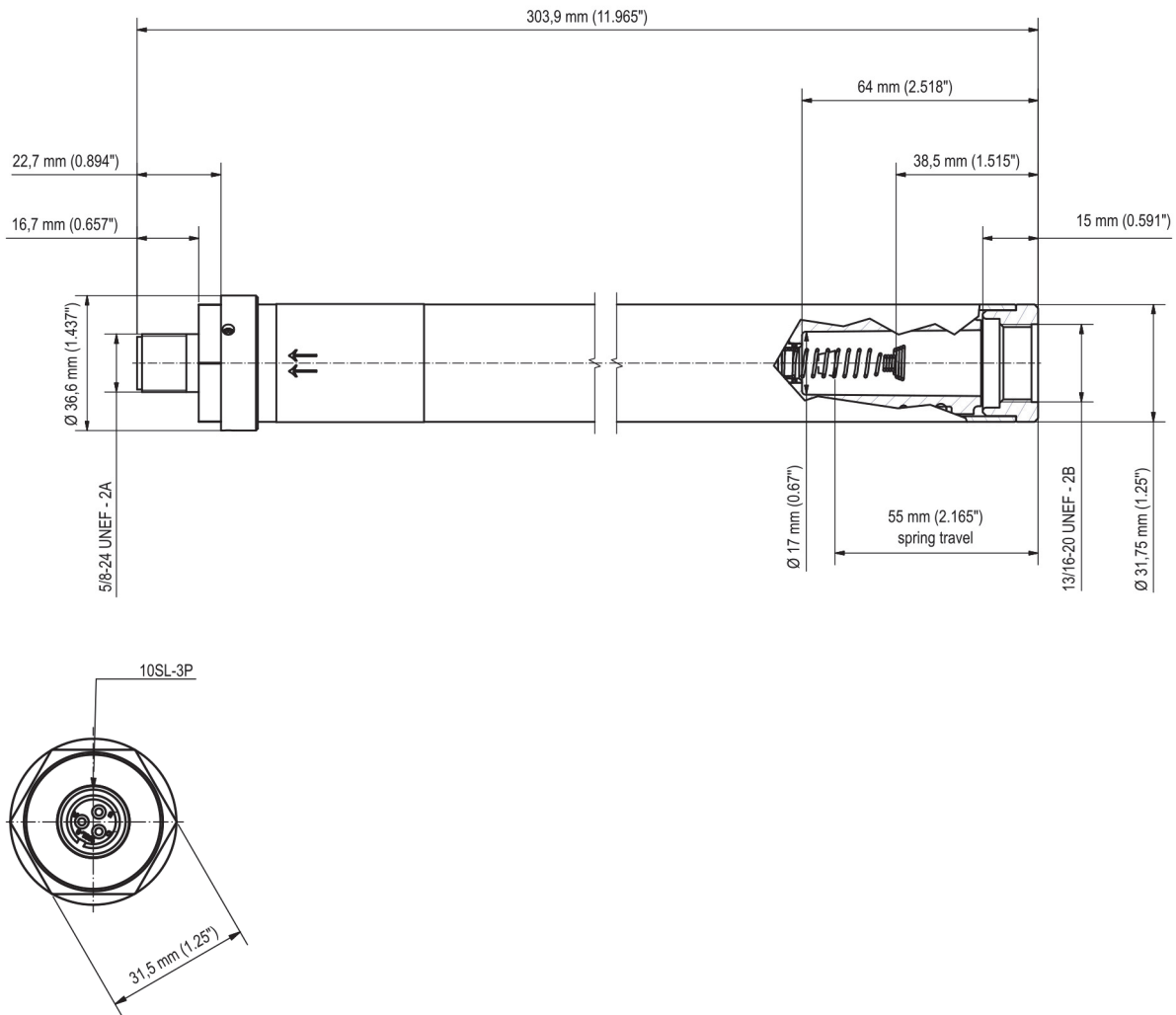
- Maximum secondary voltage 30 kV
- Resistance secondary side 8 k $\Omega$   $\pm$  2 k $\Omega$
- Resistance primary side 0.3  $\Omega$   $\pm$  0.2  $\Omega$

### Compatibility

- Equivalent to following ignition coils 591011B, 591011C, 215-2434, 69694D
- Compatible ignition controllers MIC500, ALT I, ALT III, ALT V, CD200, CD200D, DISN, CPU90, CPU95, CEC, CATERPILLAR®, (163- 6164, 163-6108)



## Overview Drawing



## Coil Circuit Diagram

