**SPECIFICATIONS**

1. **MECHANICAL SPECIFICATIONS**
   - **RANGE (RPM):** 0 TO 4000
   - **TOLERANCE:** ±2% FROM 21°C TO 27°C
   - **WEIGHT (g):** 227

2. **ELECTRICAL SPECIFICATIONS**
   - **INPUT TYPE:** IGNITION COIL
   - **WORKING VOLTAGE (VDC):** 11 TO 28

3. **ENVIRONMENTAL SPECIFICATIONS**
   - **TEMPERATURE (°C):** -40 TO 82
   - **IP RATING:** IP66 FROM FRONT

4. **STANDARDS MET**
   - SAE-J-1399

5. **MATERIALS**
   - **HOUSING:** NYLON 6/6 COLORED WHITE
   - **BEZEL:** STAINLESS STEEL
   - **MOUNTING CLAMP:** YELLOW ZINC PLATED STEEL
   - **POINTER:** ACRYLIC ILLUMINATED WITH WHITE LIGHT
   - **POINTER CAP:** POLYCARBONATE COLORED BLACK
   - **OTHER HARDWARE:** BRASS AND STAINLESS STEEL

6. **TIME METER**
   - **TIME METER DISPLAY:** LCD
   - **TIME METER TYPE:** REAL TIME CLOCK
   - **TIME RANGE (HOURS):** 0 TO 99,999.9
   - **TIME RANGE OVERFLOW BEHAVIOR:** RESETS TO 0
   - **TIME METER MEMORY:** TIME DATA IS STORED
   - **TIME METER ACTIVATION SPEED (RPM):** ≥150±50
   - **TIME METER TOLERANCE:** ±0.01% FROM 20°C TO 30°C

7. **ARTWORK**
   - **BACKGROUND COLOR:** BLACK
   - **LETTERING AND SCALE COLOR:** WHITE
   - **LETTERING AND SCALE ILLUMINATION:** GREEN
   - **IEC LOGO:** PANTONE #268 U

**NOTES**

1. MOUNTING CLAMP, FASTENERS, 12V LAMP, AND 24 V LAMP PACKAGED AND SHIPPED WITH TACHOMETER.

**PROGRAMMING**

1. DETERMINE THE DESIRED NUMBER OF PULSES PER REVOLUTION IN WHOLE NUMBERS (EX 1, 2, 3, 4, 5, ETC)
2. SET THE DIP SWITCHES TO EQUAL THE DESIRED PULSE PER REVOLUTION BY ADDING UP THE VALUES OF THE SWITCHES SET TO THE "ON" POSITION
3. DIP SWITCHES 9 AND 10 ARE FOR FACTORY USE ONLY. DO NOT CHANGE THEIR SETTINGS.

**BILL OF MATERIALS**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
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<tr>
<td>1</td>
<td>1618</td>
<td>TACHOMETER, COIL PACK</td>
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<tr>
<td>2</td>
<td>1620</td>
<td>INSTRUCTION SHEET, COIL PACK</td>
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**BOM TABLE**

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<tr>
<td>2</td>
<td>INSTRUCTION SHEET, COIL PACK</td>
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**Drawings by:** BAP 2016-03-14

**Checked by:** JDK 2016-03-25

**Title:** TACHOMETER, COIL PACK

**Drawing No.:** 10718

**Sheet:** 1 OF 1

**Revision:** **C**

**Dipla Switch Setting Examples**

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<th>PULSES PER REVOLUTION</th>
<th>D1</th>
<th>D2</th>
<th>D3</th>
<th>D4</th>
<th>D5</th>
<th>D6</th>
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<th>D8</th>
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*FACTORY SETTING*