1. MECHANICAL SPECIFICATIONS
   - MOUNTING CLAMP, FASTENERS, 12V LAMP, AND 24 V LAMP
   - MOUNTING CLAMP: YELLOW ZINC PLATED STEEL
   - HOUSING: NYLON 6/6 COLORED WHITE
   - SAE-J-1399
   - TEMPERATURE (°C): -40 TO 82
   - WORKING VOLTAGE (VDC): 11 TO 28
   - INPUT TYPE: SEE INPUT SIGNAL TABLE
   - WEIGHT (g): 227
   - RANGE (RPM): 0 TO 4000

2. ELECTRICAL SPECIFICATIONS
   - BLADE TERMINAL, .250 L X .032 W X .320 H
   - IEC LOGO: PANTONE #268 U
   - LETTERING AND SCALE ILLUMINATION: GREEN
   - LETTERING AND SCALE COLOR: WHITE

3. ENVIRONMENTAL SPECIFICATIONS
   - TIME METER TOLERANCE: ±0.01% FROM 20°C TO 30°C
   - TIME METER ACTIVATION SPEED (RPM): 129
   - TIME METER MEMORY: TIME DATA IS STORED
   - TIME RANGE OVERFLOW BEHAVIOR: RESETS TO 0
   - TIME RANGE (HOURS): 0 TO 99,999.9
   - TIME METER TYPE: REAL TIME CLOCK
   - TIME METER DISPLAY: LCD
   - OTHER HARDWARE: BRASS AND STAINLESS STEEL
   - POINTER CAP: POLYCARBONATE COLORED BLACK
   - POINTER: ACRYLIC ILLUMINATED WITH WHITE LIGHT
   - BEZEL: STAINLESS STEEL
   - IP RATING: IP66 FROM FRONT
   - TOLERANCE: ±2% FROM 21°C TO 27°C

4. STANDARDS MET
   - SAE-J-1399

5. MATERIALS
   - HOUSING: NYLON 6/6 COLORED WHITE
   - BEZEL: STAINLESS STEEL
   - MOUNTING CLAMP: YELLOW ZINC PLATED STEEL
   - POINTED: ACRYLIC ILLUMINATED WITH WHITE LIGHT
   - POINTED 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: SETS TO 0
   - TIME METER MEMORY: TIME DATA IS STORED
   - TIME METER ACTIVATION SPEED (RPM): 129
   - 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

8. NOTES
   - MOUNTING CLAMP, FASTENERS, 12V LAMP, AND 24 V LAMP
   - PACKAGED AND SHIPPED WITH TACHOMETER.

FOR PANELS .020 TO .500 [0.5 TO 12.7] THICK

VIEWABLE AREA (Ø22.13) [Ø74]

SYMBOL FLASHES WHEN TIME METER IS COUNTING

INPUT SIGNAL TABLE

<table>
<thead>
<tr>
<th>SIGNAL NO.</th>
<th>TYPE OF SIGNAL INPUT</th>
<th>MINIMUM SIGNAL AMPLITUDE</th>
<th>PULSE SHAPE</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>MAGNETIC INPUT</td>
<td>2 V (PEAK TO PEAK)</td>
<td>V</td>
</tr>
</tbody>
</table>

PROGRAMMING
   1. DETERMINE THE DESIRED NUMBER OF FLYWHEEL TEETH.
   2. SUBTRACT 49 FROM THE NUMBER OF TEETH AND SET THE DIP SWITCHES TO EQUAL THAT VALUE 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.

DIP SWITCH SETTING EXAMPLES

<table>
<thead>
<tr>
<th>FLYWHEEL TEETH</th>
<th>FLYWHEEL TEETH - 49</th>
<th>D1</th>
<th>D2</th>
<th>D3</th>
<th>D4</th>
<th>D5</th>
<th>D6</th>
<th>D7</th>
<th>D8</th>
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<tbody>
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<tr>
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<tr>
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<tr>
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<tr>
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</tbody>
</table>

FACTORY 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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<tbody>
<tr>
<td>1</td>
<td>STAY</td>
<td>TACHOMETER, MAGNETIC PICKUP</td>
<td>1</td>
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<tr>
<td>2</td>
<td>9059</td>
<td>INSTRUCTION SHEET, MAGNETIC PICKUP TACHOMETER</td>
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</table>

INTEGRATED ELECTRONIC CONTROLS
ROCKFORD, IL 61109

TACHOMETER, MAGNETIC PICKUP

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