

**REVIEW 3**

*Answer the following questions without referring to the material just presented. Begin the next section when you are confident that you understand what you've already read.*

- |  |  |   |
|--|--|---|
| <p>1. Match the sensor component name to the correct picture.</p> <p>A. Oscillator _____</p> <p>B. Output _____</p> <p>C. Detector _____</p> <p>D. Sensor coil _____</p> |  | <p>1.</p> <p>2.</p> <p>3.</p> <p>4.</p> |
|--|--|---|

Match the proximity sensor component with its function.

- |   |  |
|---|--|
| <p>2. Sensor coil _____</p> <p>3. Oscillator _____</p> <p>4. Detector _____</p> <p>5. Output _____</p> <p>6. Hysteresis is the gap between the operate point and the release point to smooth the operation of the sensor.</p> | <p>A. Sets up an electromagnetic field to create a wave pattern.</p> <p>B. Alerts the electrical circuit an object has been detected.</p> <p>C. Shapes the electromagnetic field.</p> <p>D. Looks for a change in frequency.</p> |
|---|--|

TRUE      FALSE