

REVIEW 5

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.

1. The operation of a capacitive proximity sensor is based on dielectric capacitance.

TRUE FALSE

2. The four main parts of a capacitive proximity sensor are:

3. By measuring the change in capacitance as an object enters the field generated by the oscillator, it can be used for an on/off switching function.

TRUE FALSE

4. When feedback capacitance is detected, the oscillation ends.

TRUE FALSE

5. When sensing metal targets, a derating factor must be applied.

TRUE FALSE

6. The transparency of the container has no effect on the sensing.

TRUE FALSE
