

ABSTRACT OF THE DISCLOSURE
SHAPED NON-CONTACT CAPACITIVE DISPLACEMENT SENSORS FOR
MEASURING SHAPED TARGETS

An improved non-contact capacitive displacement sensor that may be employed for accurately measuring small distances between the sensor and shaped targets.

5 The non-contact capacitive displacement sensor includes a probe having a sensor element and a guard element. The guard element substantially surrounds the sensor element. At least the sensor element has a shape that substantially matches the shape of a target element.

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Fig.3a



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