

Check it with
Checker[™]



Cognex Corporation Expert Sensor Business Unit

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Keys To Success

No Need for Precise
Part Handling

Detecting with a Long
Working Distance

PDF Attachment

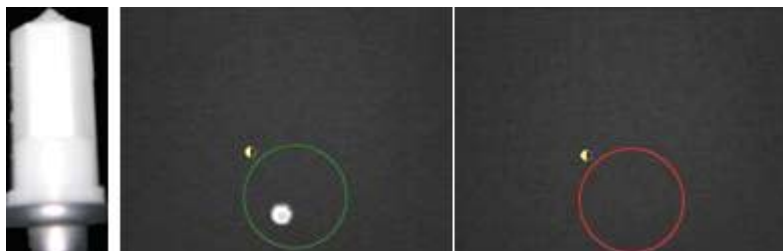
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Verifying Presence of Weld Stud

Application:

An automotive manufacturer has to verify that a weld stud is present on the assembly before it moves into the painting process.



Problem:

Laser sensors were troublesome because they required frequent adjustment. In addition, the assembly was not precisely positioned, and the sensors required precise part positioning.

Solution: Checker

Since Checker's contrast sensors can inspect in a large area, it can detect the weld nut, even when it is not precisely positioned. Checker also has a long working distance which was required for this application.

