

Machine Tools



Product

Model

Discrete sensor Adjustable Proximity Sensor

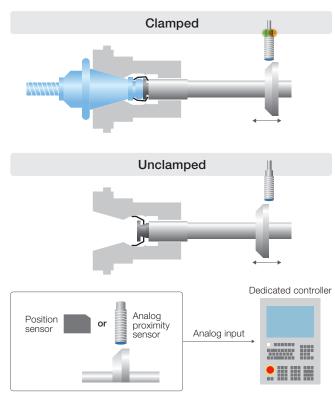
Process/ Equipment

Machining Center

Current Situation

H3C-H_

- The state of the tool clamp is detected by the position of the drawbar in the main spindle.
- Analog proximity and position sensors are used to identify the state.



Current Problems

Problem 1

The analog input module needed to introduce a dedicated controller is very expensive.

Problem 2

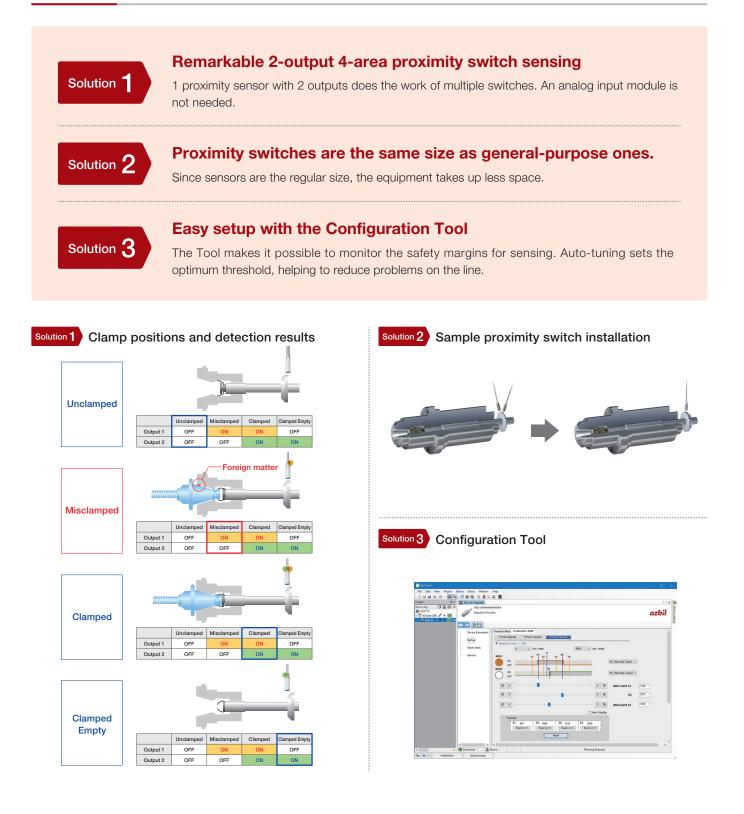
Finding a place to install large sensors is difficult.

Problem 3

Since the thresholds must be set from the host system (dedicated controller), the software must be programmed first.

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Solutions



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