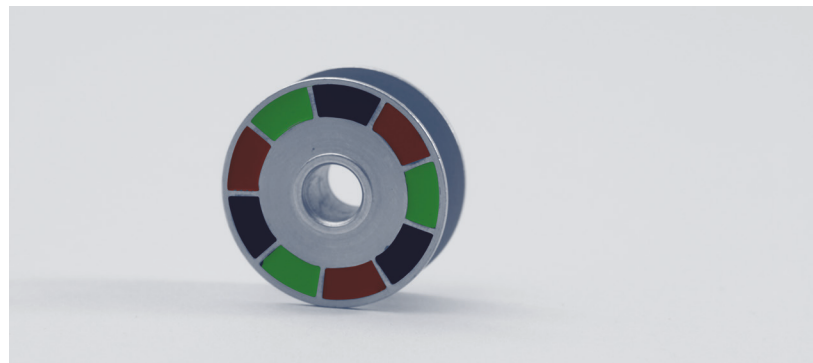
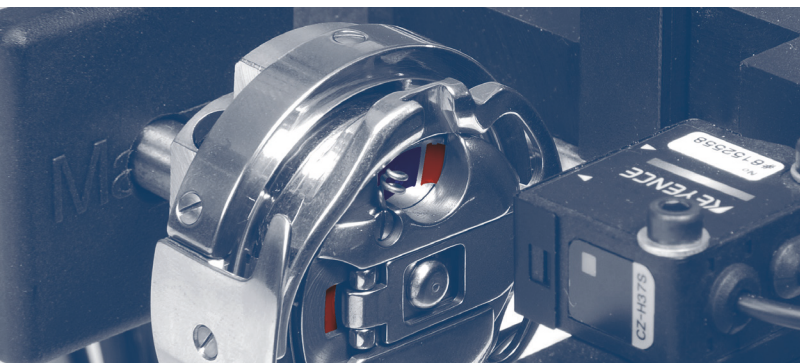




AUTOMATION TECHNICS

Have you ever heard about Poka-Yoke?

The unique RSG Color Thread-Monitoring System CTMS



The Idea

- The full monitoring of sewing processes is one of the key elements of modern process automation in sewing facilities.
- Our unique accessory systems solve this problem forever.
- Based on the Japanese “Poka-Yoke” concept:
The Fully automated prevention of all possible errors.
- A Unique and patented solution.

The Concept

- The CTMS monitors the upper and lower threads as well as bobbin movement.
- The bobbin is color-coded with a specific combination
- A light sensor monitors color sequence.
- The sensor detects automatically a wrong color combination.
- In case of an error, the sewing process stops immediately.

The Advantages

- The full patented automated systems and Poka-Yoke verified for:
 - Monitoring of torn threads
 - Monitoring of stopped bobbins to avoid fake-seams
 - Monitoring of residual threads with our unique reservechamber inside the bobbin
 - Monitoring of upper thread, and safe detection of torn threads.
- Proven system, that has been working successfully for many years in the automotive industry.
- Operates correctly even with strong vibrations.
- The retrofitting of existing RSG equipment is possible any time.
- Applicable to most used sewing machines.
- Works perfectly in combination with the automatic bobbin exchanger
- Flexible and user-friendly control by our SAT-Flex /SAT-Control System.

... we make things better ...

Find out more about the innovative automation-concepts “Narrow-Matic” by RSG!

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