FLEXIBLE DETECTION RANGE FOR DEFINED REJECTION RATE

NEW FLEXIBLE TEAR TAPE SENSOR

SITUATION
To ensure the presence and correct position of the tear tape, all Focke cigarette packaging machines include an optical tear tape detector. This detector is mechanically fixed and needs to be adjusted manually to match the position of the tear tape.

IMPROVEMENT
The newly designed tear tape detector from Focke combines reliable detection with improved setup and convenience. While former models use a single-spot light source and feature a rather narrow detection range of ±2 mm, the new detector is equipped with a new type of light source and designed for precise tear tape detection within a range of 20 mm. Due to this wide nominal detection range, manual adjustment of the tear tape detector is not required anymore. Instead, the location of the tear tape and the required detection range can be set electronically by simply determining a minimum and maximum value in millimeters.

If you have any questions, please feel free to contact your technical service.

TEAR TAPE SENSOR SPECIFICATIONS
- New beam-type light source for flexible detection
- Adjustable detection range of 20 mm
- Sensor size similar to previous models

BENEFITS
- Detection range adjusted electronically via HMI
- User-defined rejection rate