

Automotive manufacturer boosts production efficiency with advanced fuse feeding system

RESULTS

- Increased production to 455 parts/min
- Enhanced color sorting accuracy
- Reduced spurious oscillation
- Improved operational efficiency



APPLICATION

Feeding seven different variations of mini fuse into a high speed production process.

CUSTOMER

A leading automotive manufacturer specializing in electrical component assembly.

CHALLENGE

The customer needed to increase production speed and accuracy in feeding and sorting multiple variants of mini fuses.

SOLUTION

Seven interconnected feeding stations were provided, utilizing spiral feeding technologies. The feeders contain reactive force compensation to minimize spurious oscillations and misfeeds. Each feeding station transports more than 100 fuses per minute. When the fuses leave the feeder bowl, sensors identify the respective colour. If needed, the unwanted colour variants are then sorted out. As a result, a total of 455 parts reach their destination each minute.

“Spiral feeding technology ensures delivery of 455 fuses per minute”



The system feeds 7 fuse variants.

Learn more:

