

Inspection of ribbon cables

- Continuous inline quality control
- Modular System with line scan and area scan cameras
- Rejections reduction through process optimizing
- Fast integration in the production process

For a variety of product size and measurement accuracy modes the systems hardware and configuration can be designed and adapted.

Verification of

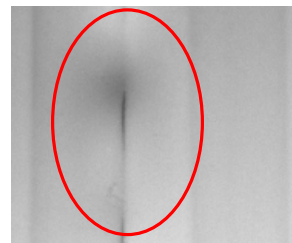
- Cable width
- Cable surface f.e. for dents and pimples
- Copper cores:
 - Core color
 - Copper core distance measuring
 - Bridging, necking and single lead twist detection

Features

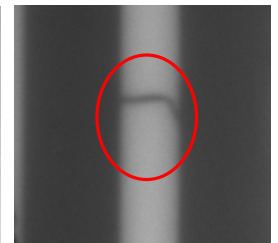
- Economic high speed Vision System for 100% product surface control
- Real time error detection
- Error classifying
- Tolerance monitoring and alarming
- Easy product parameterizing
- Line speed change independent system
- Product traceability



Copper core distance



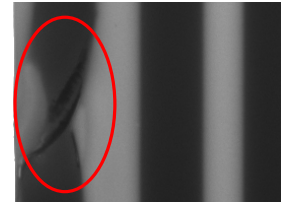
Undulation



Bridges



Copper color



Twists

Raise quality und lower costs

Inspection results can apart from quality assurance also contribute to production optimizing. Direct intervention in the production process or immediate rejects discharge, is possible.

keeping an eye on quality