

SL Carline



The Modular System for Crimp Force Monitoring


Features


- Suitable for every crimp applicator
- Designed for manual and automatic machines
- Adaptive process control
- Separate overload and sorting output
- Automatic tolerance setting
- User-friendly operator interface
- Suitable for every wire size (AWG 4 to AWG 32)
- Memory for Quality Control data
- Printer interface for QC documentation
- PC interface for statistic process control
- Network capable
- Real time clock

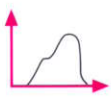
Detection of the following Crimp Defects

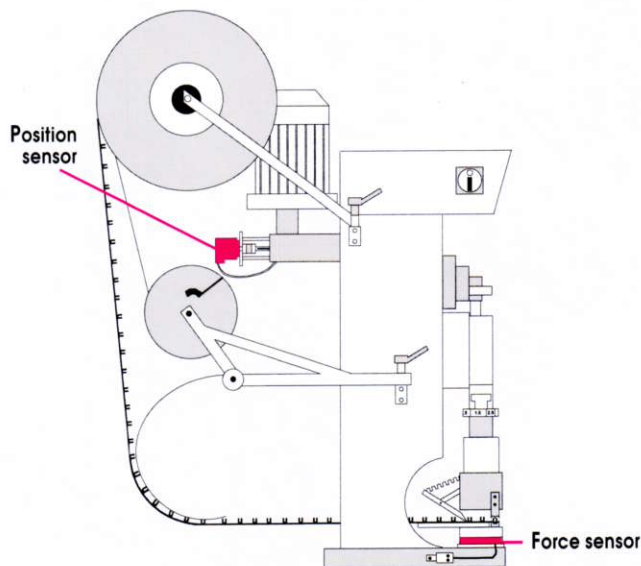
- Missing strands of wire
- Wrong crimp height
- Insulation in wire barrel
- Wire partially inserted in wire barrel
- Wrong wire gauge
- Insulation strip length too short

Function


The position sensor measures applicator movement with μm accuracy.


The piezo quartz sensor measures every force variation during the crimping process, with extremely high accuracy.

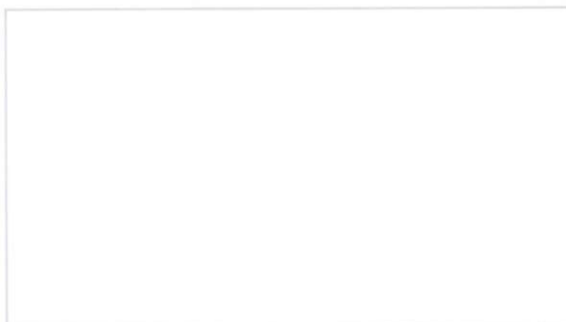

The force signature is evaluated in the SL Carline system and detects even the slightest crimp defect.



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STAMPING-CRIMPING-ASSEMBLY-TECHNIQUE

For more information, please contact us!



QUALITY-CONTROL-SYSTEM

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