



PROJECT: Sensor Assembly

Automated assembly and packaging cell including rotary load dial and ISTHMUS linear indexer. Operator loads over-molded sensor components onto load dial for automated processing of final assembly, test and packaging. Sensor leads are trimmed and Sub-components including an O-ring and housing are bowl fed, oriented and assembled at linear indexed stations. Final assemblies are tested then packaged in carrier strips.

FEATURES:

- Eight-second machine cycle
- Scara robot load and unload
- O-ring feeding and lubrication
- Lead cropping and scrap removal
- ISTHMUS linear indexing transfer system
- 100% capacitance and switch testing
- Reel carrier-strip packaging

BENEFITS:

- Increased production rate
- Designed to run three part types with minimal change-over
- Full line process integration
- Improved reliability of process



2701 Progress Road • Madison, Wisconsin 53716
608-222-9000 • Fax 608-222-9183

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