

## Riveting Systems SmartSet®



### Process monitoring for rivets

SmartSet® gives manufacturers an off-the-shelf and affordable system for monitoring the resulting joint or fastening integrity when setting POP brand blind rivets.

A Micro Strain Sensor connected to the rivet tool takes readings during the rivet setting cycle and sends them to a Control Unit. In RUN mode, the system will monitor each sequential setting and compare this with the sample settings to determine a GO or NO GO result. Outputs from the Control Unit can be connected to an audible or visual alarm to alert the user to NO GO results.

### Application Capability:

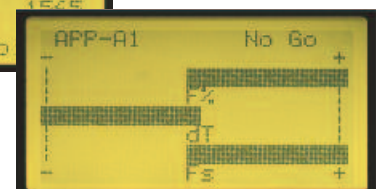
- Riveting failures: Head Ejection, Pull Thru's and Remote Mandrel Breakage
- Rivet set in air detection
- Use of incorrect rivet type

### System Capability:

- Rivet accountability
- Sequencing
- Program Multiple Grips within the Application - PLC selectable
- Input/Output communication available (PLC compatible)
- User defined GO and NO GO signal output

### Specifications:

Control Unit	
<b>Electrical Power</b>	Adapter Input: 110-230VAC 50/60 Hz. 0.5Amp Adapter Output: 24VDC 0.62Amp. 15W I/O 6 Inputs, 4 Outputs
<b>Dimensions</b>	7.5" (L) x 4.25" (W) x 3" (H) 195mm (L) x 144 mm (W) x 77 mm (H)
<b>Weight</b>	1.98 lb (0.9 kg)
<b>Custom Cable Length</b>	Application Specific



Note: SmartSet® is customized for your specific application. Contact your representative for assistance.