

# Fowler

## Twin Channel Comparators

Fowler introduces two new Twin Channel Comparators. Designed for use with our LVDT probes listed below, our new comparators provide a cost effective solution for many measuring applications. RS232C, logic and analog outputs are available for processing, recording and machine control. Probe mixing is possible for relative gaging applications.

Yellow, green and red tolerance lamps directly indicate "oversize", "OK" and "undersize" conditions.

### Comparator Features

- Twin channel gage units with selectable probe combinations of +A, -A, +B, -B, +A +B, +A -B, -A +B, -A -B.
- Inch and metric measuring ranges.
- Red, green and yellow tolerance lamps for Undersize-OK-Oversize indication.
- RS232C data output.
- Comprehensive analog/logic output port.
- Externally accessible calibration and zero controls.
- Sturdy, ergonomic design is suitable for the shop floor environment.
- Splashproof and sealed against dust.
- Mains selection of 220/110 VAC.
- Compatible with the following LVDT measuring probes: #54-600-001, 002, 003 and #54-601-001, 008, 010.



▲ #54-615-777



▲ #54-615-000. Probes and stand not included.

### Specifications

#### #54-615-000 Analog Comparator

- Dual scale meter with enclosed tolerance pointers.
- Inch ranges:  $\pm 0.0003$ ,  $\pm 0.001$ ,  $\pm 0.003$ ,  $\pm 0.01$  and  $\pm 0.03$ "
- Resolutions:  $.00001$ ,  $.00005$ ,  $.0001$ ,  $.0005$  and  $001$ "
- Metric ranges:  $\pm 10$ ,  $\pm 30$ ,  $\pm 100$ ,  $300$ , and  $\pm 1000\mu\text{m}$
- Resolutions:  $0.5$ ,  $1$ ,  $5$ ,  $10$  and  $50\mu\text{m}$

### Specifications

#### #54-615-777 Digital Comparator

- Large 3-1/2" digit bright RED LED display.
- Inch ranges:  $\pm .020$ " and  $\pm .200$ "
- Resolutions:  $.00001$ " and  $.0001$ "
- Metric ranges:  $\pm 200$  and  $\pm 2000\mu\text{m}$
- Resolutions  $0.1$  and  $1\mu\text{m}$



More information on LVDT measuring probes can be found elsewhere in this catalog.

Order No.	Description
54-615-000	Twin Channel Analog Comparator.
54-615-777	Twin Channel Digital Comparator.