

Model 3503/04 Radial and Axial Displacement Transmitters



General Specifications

STANDARD FEATURES

Accuracy

Dynamic - 5% Over specified dynamic range

(model 3503 only)

Static - 5 mils of best straight line from 20 to 100 mils

INPUTS

Eddy current proximity probe

***Call factory for ordering

FULL SCALE OUTPUTS (DC)

Model 3503 0 to 1 Vdc

Model 3504 -1 to +1 Vdc

FULL SCALE RANGE

Model 3503 0 to 5 mils, or 0-10 mils

Model 3504 -30 mils to

ENVIRONMENTAL

Temperature

-20 to 160 Degrees F operating, -40 to 200 Degrees F storage

Mechanical

4"L X 1.5"W X 3.8"

Weight

4 oz.

Contact Information

Gilchrist Technology, Inc.
 P.O. Box 509
 Gilchrist, TX 77617
 Phone: (409) 289-5988
 Fax: (409) 286-2227

STANDARD FEATURES

MODELS 3503 and 3504 offer several standard features, such as;

- * Galvanic isolated loop powered 4-20mA Output
- * Buffered outputs for analysis
- * Low per point cost
- * Small size, suitable for multiple units in space limited areas
- * Laser-trimmed voltage to current converter



All 3500 series signal conditioners provide zero and span control for trim adjustment in the field.

Models 3503 and 3504 have a built-in probe driver which can be calibrated for any manufactures probes. The model 3503 provides outputs proportional to radial vibration and "rod run out". The model 3504 is for axial position and rod drop.

A laser-trimmed voltage to current converter provides excellent loop powered operation for the output stage.

The model 3601 provides two individually adjustable set levels from 0 to 100% of full-scale. Each set point has a field adjustable 0 to 10-second time delay.

3503- or 3504 -

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OUTPUT SCALE	PROBE TIP DIA.	CABLE LENGTH																		
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**ADD M FOR METRIX PROBES
 B FOR BENTLY PROBES
 S FOR SKF PROBES