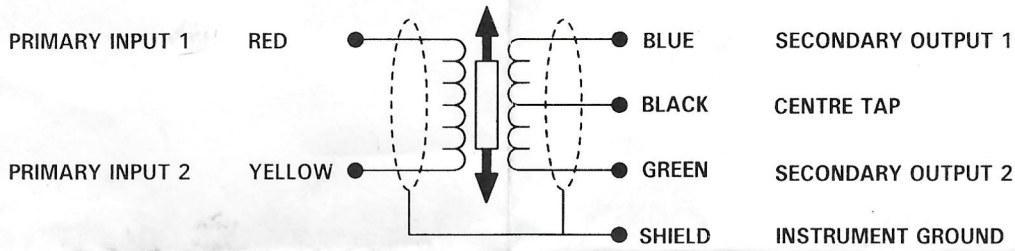




# GT SERIES (LVDT TYPE)

## CONNECTION DETAILS




**Energising Supply :** 0.5 to 7V r.m.s. at 2 to 10kHz.  
(Calibrated at 5kHz)

**Load Impedance :** 100k Ohms optimum.

The BLACK wire is not required when used with RDP instrumentation.  
If not used the BLACK wire should be insulated from any other wires or connections including the cable shield.

**PHASING :** YELLOW AND GREEN ARE IN PHASE WITH THE ARMATURE FULLY EXTENDED.

<p><b>RDP U.K.</b> Tel 01902 457512 Fax 01902 452000</p>	 <p>Certificate No. FM 13141 BS EN ISO 9001:2000</p>	<p><b>MADE IN THE UNITED KINGDOM</b></p> <p>Doc. Ref. WDUK1207 ISSUE 1 - 5 APRIL 2004</p>	<p><b>RDP U.S.A.</b> Tel 610 469 0850 Fax 610 469 0852</p>
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## << RDP CALIBRATION CERTIFICATE >>

Type **GT5000**

Serial No **75545**

Linear Range  $\pm 5\text{mm}(0.2")$


Cal Temp  $21^\circ\text{C}$

Cal Load 100k

Sensitivity  $147.29\text{mV/V/mm}(3.741\text{mV/V}/.001")$  with 5V(RMS) 5kHz

Energising Supply

Linearity **0.24%**

Calibrated By 

UNCERTAINTY OF CALIBRATION: 2.6 microns. This expanded uncertainty is with a level of confidence of approximately 95%