

THE FOLLOWING PAGE CONTAINS THE CONNECTION DETAILS

It is your responsibility to ensure that the transducer identification matches the connection details, including any RDP modification (T.M) references.

Please ensure that the transducer has not been modified or fitted with a cable or extension.

Particularly on DC-DC powered transducers, incorrect connection may cause **IRREPERABLE DAMAGE** to the transducer which is **NOT COVERED BY WARRANTY**

IF YOU ARE IN ANY DOUBT PLEASE CONTACT US



DCTH SERIES (DC to DC LVDT)



INPUT CONNECTIONS

Dual Supply	
+12 to +20V Input	RED
-12 to -20V Input	BLUE
0V Common I/P, O/P	BLACK
Instrument Ground	SHIELD

Single Supply *	
+24 to +40V Input	RED
Supply Negative	BLUE
Instrument Ground	SHIELD

OUTPUT CONNECTIONS

1. 0-10V	YELLOW
2. $\pm 5V$	GREEN
COMMON	BLACK

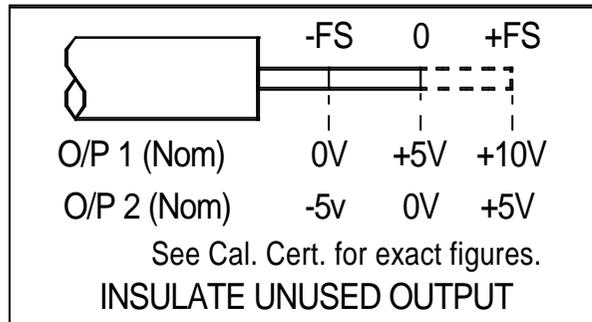
NOTE : If only Output 2 ($\pm 5V$) is required then the supply minimum can be $\pm 10V$ (dual) or 20V (single).

LOAD IMPEDANCE : **OUTPUT 1** 10k (min) at 24V supply.
2K (min.) at 30V and higher supply
OUTPUT 2 2k (min.)

SUPPLY : Smooth d.c. voltage 30mA typical.

* SUPPLY MUST BE FULLY FLOATING
OUTPUT COMMON FLOATS AT $V_s/2$

NOTE :
INCORRECT CONNECTION OR EXCESSIVE SUPPLY VOLTAGE MAY CAUSE IRREPARABLE DAMAGE WHICH CAN INVALIDATE THE WARRANTY. CONTACT OUR SALES DEPARTMENT IF YOU REQUIRE ASSISTANCE.



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**MADE IN THE
UNITED KINGDOM**

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