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

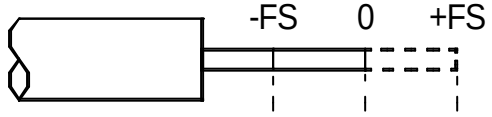
IF YOU ARE IN ANY DOUBT PLEASE CONTACT US

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



O/P 1 (Nom)	0V	+5V	+10V
O/P 2 (Nom)	-5v	0V	+5V

See Cal. Cert. for exact figures.

INSULATE UNUSED OUTPUT

OUTPUT CONNECTIONS

1. 0-10V	YELLOW
2. ±5V	GREEN
COMMON	BLACK

NOTE : If only Output 2 (±5V) is required then the supply minimum can be ±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.

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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Certificate No. FM 13141
BS EN ISO 9001:2000

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