



Honeywell
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Certificate of Calibration

Product Identification

Product Type: Load Cell
Serial Number: 1106191

Model: 53
Part Number: 060-0238-07
Order Code: AL131CV

Product Specifications

Full Scale Range: 1000 lbs
Calibrated At: 1000 lbs
Compression

Excitation: 10 VDC
Input Impedance: 377 Ω
Output Impedance: 353 Ω
Electrical Leakage: ∞ Meg Ω

Calibration Data

Calibration Factor: 1.8829 mV/V

Shunt Cal Factor: 1.4896 mV/V
Shunt Cal Resistor: 59k Ω

Wiring Code

UNAMP#1,4-COND,CBL	
COLOR	DESIGNATION
RED	(+)EXCITATION
BLACK	(-)EXCITATION
GREEN	(-)OUTPUT
WHITE	(+)OUTPUT

001-0333-01

Certification Information

Type of Calibration: Standard
Calibration Date: 06/12/2006

Certificate Number: 086-0000-00
Calibration Procedure: 072-LC75-10

Notes: Instruments used in the calibration of this product have been calibrated to standards traceable to the National Institute of Standards and Technology (NIST). A calibration uncertainty ratio of 4:1 has been maintained unless otherwise stated.

If you have any questions concerning this certificate of calibration, or for recalibration or repair of this product, please visit our website at <http://www.sensotec.com/service.htm> or call our service department at (614) 850-5000.

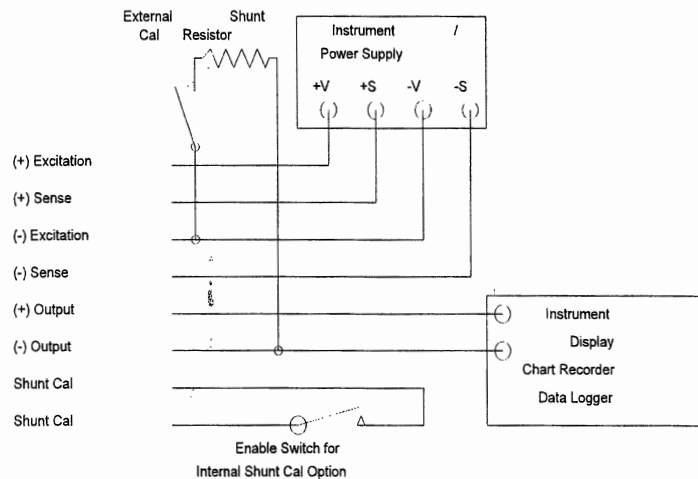
This is a quality record.

Approved and Certified By: 
Eszter Gozon, Quality Manager

SENSOTEC

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NON - AMPLIFIED TRANSDUCER INSTRUCTIONS



I. **EXCITATION:** The voltage being supplied to the transducer across the excitation terminals.

II. **OUTPUT:** The electrical signal produced by the transducer as measured across the output terminals.

III. **SENSE:** This optional feature can be connected to a sense equipped power supply. These connections will control the voltage at the transducer terminals.

IV. **SHUNT CALIBRATION:** A method for quick calibration of a transducer and/or verify if the transducer is electrically operable. This simulated **change** in output can then be measured across the output terminals and compared with factory readings.

There are two methods for shunt calibration depending on the model of transducer purchased. If the internal shunt cal **option** is not specified, an external shunt calibration resistor **value** and corresponding output value will be supplied with the transducer, on the **Certificate of Calibration**.

External Shunt or Internal Shunt Calibration

A. External Shunt Calibration.

By placing a precision resistor across the appropriate terminals (usually **-excitation** and **-output**), a simulated change in output can be measured across the transducer output terminals. The factory used **Resistor Value** and the corresponding **Change** in output can be found on the supplied **Certificate of Calibration**.

B. Internal Shunt Calibration option.

By connecting the two shunt calibration terminals together produces a simulated change in output can be measured across the transducer output terminals. The factory measured **Change** in output can be found on the supplied **Certificate of Calibration**.