



LOAD CELL CALIBRATION CERTIFICATION

CONDITION : FINAL
 MODEL: 1210ACK-1.5KN-B SERIAL: 519050 BRIDGE: A CAPACITY: 1500 N
 PROCEDURE: C-1260 Mounting Per Interface Installation Instruction 15-5
 INPUT RESISTANCE: 354.1 OHM OUTPUT RESISTANCE: 350.0 OHM
 ZERO BALANCE: -0.973 %RO

TEST CONDITIONS

TEMPERATURE: 74 °F HUMIDITY: 50% EXCITATION: 10 VDC

TRACEABILITY

INDICATOR BRD222
 NIST #, WEIGHTS AZ-080225001 DUE 25-FEB-2018
 NIST #, INDICATOR 675441

SHUNT CALIBRATION

	Shunt (+/- .01%)	Output	Straight Line Conversion	Connections*
TENSION	60.0 KOhm	1.45243 mV/V	1092.3 N	-Out to -Exc
COMPRESSION	60.0 KOhm	-1.45604 mV/V	1094.9 N	-Out to +Exc

*For models wired with +Sense, - Sense or -SCal leads, resistor connections are actually to these leads in place of +Exc, -Exc or -Out respectively.

PERFORMANCE

	Rated Output	SEB Output	Nonlinearity	Hysteresis	SEB
TENSION	1.99453 mV/V	1.99447 mV/V	-0.004 %FS	0.005 %FS	±0.003 %FS
COMPRESSION	-1.99450 mV/V	-1.99475 mV/V	0.014 %FS	0.001 %FS	±0.013 %FS

STATIC ERROR BAND (SEB) The band of maximum deviations of the ascending and descending calibration points from a best fit straight line through zero OUTPUT. It includes the effects of NONLINEARITY, HYSTERESIS and nonreturn to MINIMUM LOAD.

TEST LOAD		RECORDED READINGS (mV/V)	
APPLIED (lbf)	(N)	Tension	Compression
0	0.0	.00000	.00000
40	177.9	.23652	- .23687
90	400.3	.53225	- .53237
190	845.2	1.12374	-1.12386
290	1290.0	1.71525	-1.71526
340	1512.4	2.01101	-2.01098
90	400.3	.53236	- .53240
0	0.0	- .00001	- .00002

Interface Inc. certifies that all calibration measurements are traceable to NIST. Estimated uncertainty is 0.025% RDG. Results relate to load cell serial 519050 only.
 DO NOT REPRODUCE THIS REPORT except in full or with Interface Inc. written approval.

TECHNICIAN : _____

CALIBRATION DATE : 19-SEP-2014

Interface Inc.
 7401 East Butherus - Scottsdale, Arizona 85260 U.S.A
 Telephone (480)-948-1924 - FAX (480)-948-1924