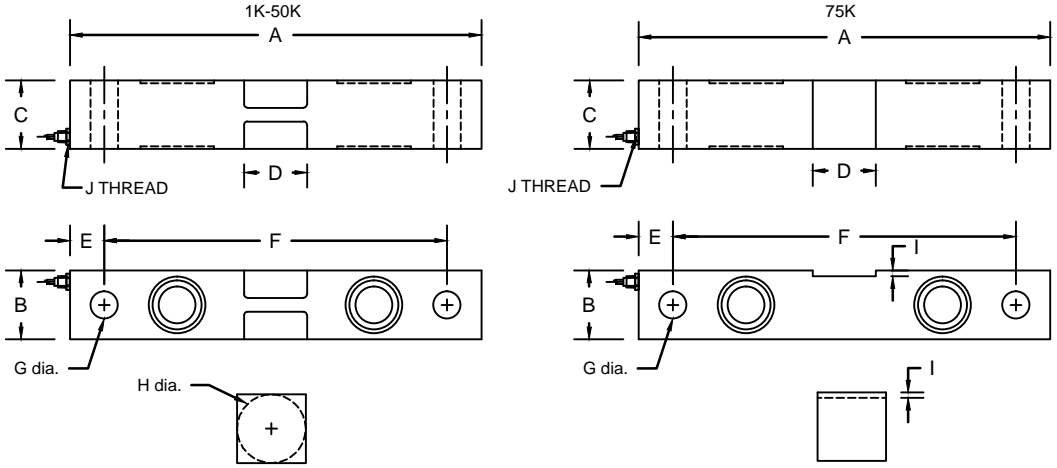


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	D	REDRAWN FOR LABELING CONSISTENCY	12/15/15	2016-56	TB	AB	AA

PERFORMANCE SPECIFICATIONS:

- CAPACITIES: 1K, 1.5K, 2K, 2.5K, 3K, 5K, 10K, 15K, 20K, 25K, 35K, 50K, & 75K LB
- RATED OUTPUT: 3.00 mV/V $\pm 0.1\%$
- SAFE OVERLOAD: 150% FS
- EXCITATION VOLTAGE: 10-20V AC/DC
- INPUT RESISTANCE: 700 ± 10 OHMS
- OUTPUT RESISTANCE: 700 ± 5 OHMS
- ZERO BALANCE: $\pm 1.00\%$ FS
- SEAL TYPE: WELDED SEALED
- NON-LINEARITY: $\pm 0.03\%$ FS
- HYSTERESIS: $\pm 0.02\%$ FS
- REPEATABILITY: $\pm 0.01\%$ FS
- CREEP: $\pm 0.02\%$ FS
- COMPENSATED TEMPERATURE RANGE: $-10^{\circ}\text{C} - +40^{\circ}\text{C}$
- TEMPERATURE EFFECT ON ZERO: $\pm 0.0027\%$ FS/ $^{\circ}\text{C}$
- TEMPERATURE EFFECT ON OUTPUT: $\pm 0.0015\%$ FS/ $^{\circ}\text{C}$
- INSULATION RESISTANCE: >5000 MEGOHMS
- LOAD CELL CABLE:
 - 1K-5K: 4 CONDUCTOR, 50 FT
 - 10K-75K: 4 CONDUCTOR, 50 FT (BRAIDED SHIELD)
- LOAD CELL WIRING:
 - GREEN +EXC
 - BLACK -EXC
 - WHITE +SIG
 - RED -SIG
 - BRAID/YELLOW: SHEILD
- FM APPROVED



RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	I	J
1K-5K	7.50	1.25	1.25	1.15	0.62	6.25	0.50	1.25	-	1/4-18 NPT
10K-25K	8.75	1.94	1.44	2.00	0.62	7.50	0.81	2.00	-	1/4-18 NPT
35K	8.75	2.50	1.50	2.00	0.62	7.50	0.81	2.50	-	1/2-14 NPT
50K	13.50	2.94	2.44	3.25	1.00	11.50	1.31	3.00	-	1/2-14 NPT
75K	13.50	2.94	2.44	3.25	1.00	11.50	1.31	-	0.17	1/2-14 NPT

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.
CG-16-SSW DOUBLE ENDED BEAM LOAD CELL

APPROVALS		DATE
DRAWN: MTSI		10/01/08
CHECKED: MB		10/01/08
ENGINEER: AA		10/01/08
APPROVED: AA		10/01/08
MATERIAL		
STAINLESS STEEL		

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TOLERANCES UNLESS OTHERWISE SPECIFIED
 .XX- ± 0.01
 .XXX- ± 0.005
 FRACTIONS- $\pm 1/16"$
 ANGLES: $\pm 1/2^{\circ}$

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-16-SSW	D
MODEL CG-16-SSW			SHEET 1 OF 1