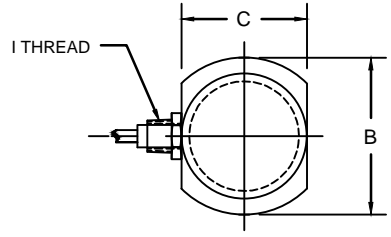
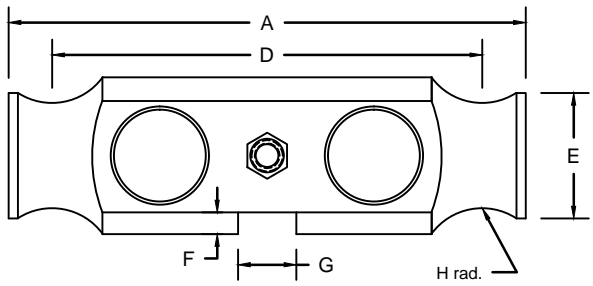


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	B	REDRAWN FOR LABELING CONSISTENCY	12/15/15	2016-22	TB	AB	AA



PERFORMANCE SPECIFICATIONS:

- CAPACITIES: 35K, 50K & 75K LB
- RATED OUTPUT: 2.00 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°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: 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	
35K-75K	8.25	2.50	1.80	7.25	2.00	0.38	0.93	0.75	1/2-14NPT	

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.

CG-DB50000S 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-DB50000S	B
MODEL CG-DB50000S			SHEET 1 OF 1