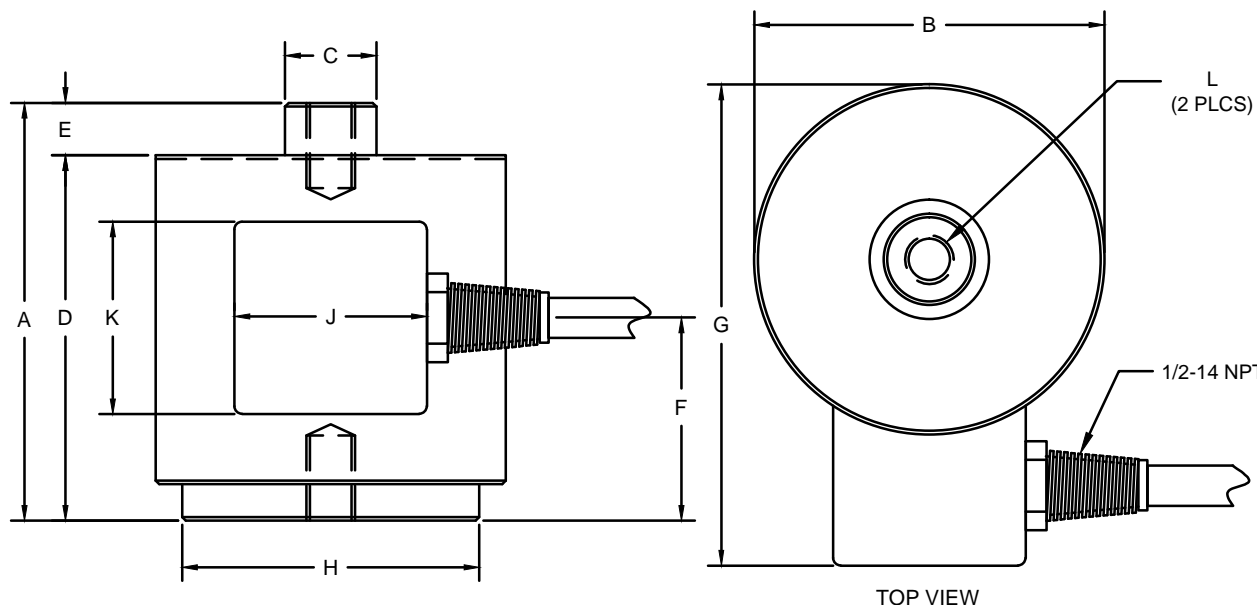


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	C	REDRAWN FOR CATALOG. UPDATED TOLERANCE BLOCK	04/07/15	2015-12	RLU	JSP	AA

PERFORMANCE SPECIFICATIONS:

1. CAPACITIES: 200, 300, 500, 750, 1K, 2K, 3K (LB).
2. RATED OUTPUT: 2.00 mV/V $\pm 0.25\%$.
3. SAFE OVERLOAD: 150% FS.
4. EXCITATION VOLTAGE: 10V AC/DC (15V MAX).
5. INPUT RESISTANCE: 380 $\pm 10\Omega$.
6. OUTPUT RESISTANCE: 350 $\pm 5\Omega$.
7. ZERO BALANCE: $\pm 1.00\%$ FS.
8. SEAL TYPE: HERMETICALLY SEALED IP67.
9. NON-LINEARITY: $\pm 0.05\%$ FS.
10. HYSTERESIS: $\pm 0.03\%$ FS.
11. REPEATABILITY: $\pm 0.01\%$ FS.
12. CREEP: $\pm 0.03\%$ FS IN 30 MINUTES.
13. COMPENSATED TEMPERATURE RANGE: -10°C TO +40°C.
14. TEMPERATURE EFFECT ON ZERO: $\pm 0.0027\%$ FS/°C.
15. TEMPERATURE EFFECT ON OUTPUT: $\pm 0.0015\%$ FS/°C.
16. INSULATION RESISTANCE: 5000 MEGOHMS.
17. LOAD CELL CABLE: 4-24AWG, $\varnothing 5.6\text{MM}$, PVC, 50FT.
18. LOAD CELL WIRING:

GRN (+EXC)	GRN (+EXC)
BLK (-EXC)	BLK (-EXC)
WHT (+SIG)	RED (+SIG)
RED (-SIG)	WHT (-SIG)
YELLOW: SHIELD	YELLOW: SHIELD
COMPRESSION + SIGNAL.	TENSION + SIGNAL
19. FM APPROVED.



TOP VIEW

RATED CAPACITY	DIMENSIONS										
	A	B	C	D	E	F	G	H	J	K	L
200LB - 300LB	3.38	2.75	0.75	2.56	0.61	1.62	3.96	2.44	1.96	1.57	3/8-24UNFx0.38 DEEP
500LB - 1K	4.56	3.50	0.75	4.15	0.45	2.19	4.47	2.99	1.96	1.57	1/2-20UNFx0.50 DEEP
2K - 3K	5.00	4.00	0.75	4.59	0.41	2.40	5.02	3.43	1.96	1.57	1/2-20UNFx0.50 DEEP

DO NOT ALTER WITHOUT AGENCY NOTIFICATION

COTI GLOBAL SENSORS, INC.

CG-62 UNIVERSAL CANISTER LOAD CELL

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		DRAWN: RLU		04/08/15
		CHECKED: AA		04/08/15
		ENGINEER: JSP		04/08/15
		APPROVED: AA		04/08/15
MATERIAL: STAINLESS STEEL		FINISH: PASSIVATED		SCALE: NONE
				SIZE: B
				PART/DRAWING NO. DOD-CG-62
				REV. C
				MODEL: CG-62
				SHEET: 1 OF 1