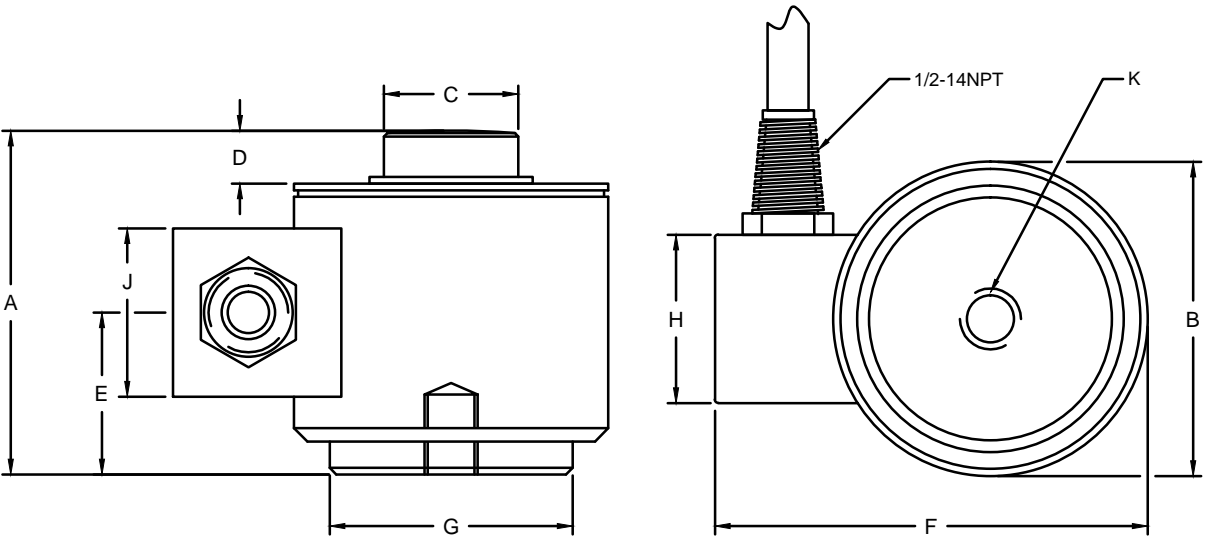


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	C	REDRAWN FOR CATALOG; ADDED DIMS G, J & K	04/24/15	2015-25	RLU	JSP	AA

PERFORMANCE SPECIFICATIONS:

1. CAPACITIES: 10K, 25K, 50K, 100K, 200K, 300K, 500K. (LB).
2. RATED OUTPUT: 1.75 mV/V $\pm 0.25\%$.
3. SAFE OVERLOAD: 150% FS.
4. EXCITATION VOLTAGE: 10V AC/DC (15V MAX).
5. INPUT RESISTANCE: 450 $\pm 10\Omega$.
6. OUTPUT RESISTANCE: 480 $\pm 5\Omega$.
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)
 BLK (-EXC)
 WHT (+SIG)
 RED (-SIG)
 YELLOW: SHIELD
19. FM APPROVED.



BOTTOM VIEW

RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	J	K
10K - 50K	3.25	2.88	1.25	0.40	1.58	4.00	2.28	1.57	1.57	1/2-20UNF x 0.31 DEEP
100K	5.00	4.12	2.31	0.51	2.45	5.13	3.25	1.97	1.57	3/4-16UNF x 0.56 DEEP
200K - 300K	7.25	6.00	3.13	1.04	3.65	7.00	4.88	1.97	1.97	3/4-16UNF x 0.75 DEEP
500K	9.00	6.50	3.69	1.00	4.81	7.63	5.37	1.97	1.97	3/4-16UNF x 0.75 DEEP

DO NOT ALTER WITHOUT AGENCY NOTIFICATION
 COTI GLOBAL SENSORS, INC.

CG - 175 COMPRESSION CANISTER LOAD CELL

	APPROVALS		DATE
	DRAWN: RLU		04/24/15
	CHECKED: AA		04/24/15
	ENGINEER: JSP		04/24/15
	APPROVED: AA		04/24/15
MATERIAL: STAINLESS STEEL			
FINISH: PASSIVATED			
SCALE: NONE		SIZE: B	PART/DRAWING NO. DOD-CG-175
MODEL: CG-175		SHEET 1 OF 1	

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TOLERANCES UNLESS OTHERWISE SPECIFIED
 .XX = ± 0.02 "
 .XXX = ± 0.005 "
 .XXXX = ± 0.0002 "
 FRACTIONS: $\pm 1/16$ "
 ANGLES DEG: $\pm 1/8$