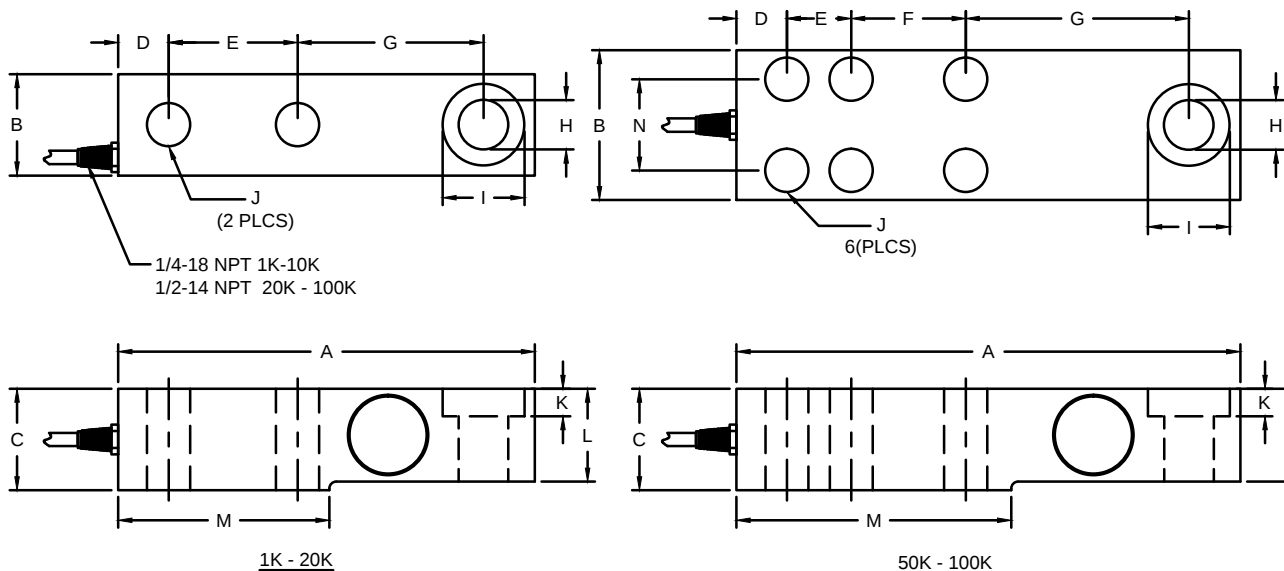


REVISIONS									
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD		
-	C	REDRAWN FOR LABELING CONSISTENCY	01/02/16	2016-69	TB	AB	AA		

PERFORMANCE SPECIFICATIONS: *NON-NTEP

1. CAPACITIES: 1K, 2K, 5K, 10K, 20K, *50K, *100K. (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 $\pm 3\Omega$.
7. ZERO BALANCE: $\pm 1.00\%$ FS.
8. SEAL TYPE: ENVIRONMENTALLY-SEAL IP67.
9. NON-LINEARITY: $\pm 0.03\%$ FS.
10. HYSTERESIS: $\pm 0.02\%$ FS.
11. REPEATABILITY: $\pm 0.01\%$ FS.
12. CREEP: $\pm 0.02\%$ FS IN 30 MINUTES.
13. NTEP RATED.
14. CLASS III, 5,000 DIVISION, MULTIPLE CELL.
15. COMPENSATED TEMPERATURE RANGE: -10°C TO $+40^{\circ}\text{C}$.
16. TEMPERATURE EFFECT ON ZERO: $\pm 0.0027\%$ FS/ $^{\circ}\text{C}$.
17. TEMPERATURE EFFECT ON OUTPUT: $\pm 0.0015\%$ FS/ $^{\circ}\text{C}$.
18. INSULATION RESISTANCE: 5000 MEGOHMS.
19. LOAD CELL CABLE: 4-24AWG, $\varnothing 5.6\text{MM}$, PVC, 20FT. (1K-20K)
4-22AWG, $\varnothing 6.8\text{MM}$, BRAIDED 50FT. (50K-100K)
20. LOAD CELL WIRING:
GRN (+EXC)
BLK (-EXC)
WHT (+SIG)
RED (-SIG)
BRAID/YELLOW: SHIELD
21. FM APPROVED.



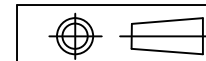
RATED CAPACITY	DIMENSIONS													
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1K - 5K	8.00	1.44	1.88	0.74	2.50	-	3.88	0.68	1.19	0.53	0.47	1.44	4.00	-
10K	9.25	1.88	2.75	0.81	2.62	-	4.88	1.00	1.63	0.88	0.62	1.88	4.62	-
20K	11.00	2.38	3.25	1.00	3.25	-	5.50	1.25	2.01	1.06	0.81	2.50	5.50	-
50K	14.75	3.75	4.62	0.71	2.00	3.00	7.12	1.75	2.89	0.88	1.21	3.19	7.38	2.00
100K	16.38	3.75	5.62	1.01	2.12	3.62	7.75	0.69	2.58	1.06	1.25	4.00	8.25	2.12

DO NOT ALTER WITHOUT AGENCY NOTIFICATION

COTI GLOBAL SENSORS, INC.

CG - SB3
NTEP LOAD CELL

APPROVALS		DATE
DRAWN: RLU	CHECKED: AA	06/15/15
ENGINEER: JSP	APPROVED: AA	06/15/15
MATERIAL: 1K - 10K STAINLESS STEEL		06/15/15
20K - 100K ALLOY STEEL		
FINISH: PASSIVATED/NICKEL PLATED		
SCALE: NONE	SIZE: B	PART/DRAWING NO: DOD-CG-SB3
MODEL: CG-SB3		REV: C
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: DEC: $\pm 1/8$