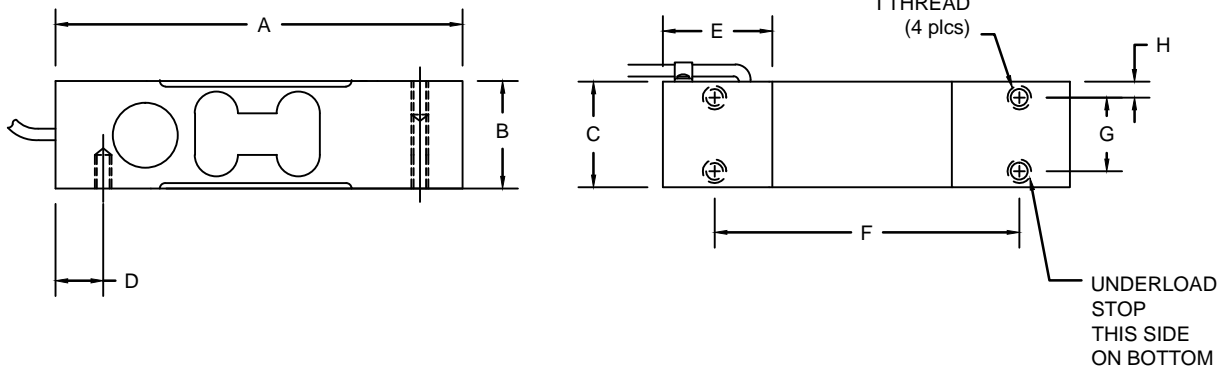


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	-	EDIT DIMENSION TABLE	9/08/09	-	-	-	-
-	C	REDRAWN FOR LABELING CONSISTENCY	10/20/15	2016-37	TB	AB	AA



- PERFORMANCE SPECIFICATIONS:**
1. CAPACITIES: 7.5KG, 15KG, 30KG, 50KG, & 100KG
 2. RATED OUTPUT: 2.00 mV/V \pm 10%
 3. SAFE OVERLOAD: 150% FS
 4. EXCITATION VOLTAGE: 10-20V AC/DC
 5. INPUT RESISTANCE: 385 \pm 10 OHMS
 6. OUTPUT RESISTANCE: 350 \pm 3 OHMS
 6. ZERO BALANCE: \pm 1.00% FS
 7. SEAL TYPE: ENVIRONMENTALLY SEALED, IP67
 8. NON-LINEARITY: \pm 0.03% FS
 9. HYSTERESIS: \pm 0.02% FS
 10. REPEATABILITY: \pm 0.02% FS
 11. CREEP: \pm 0.03% FS
 12. COMPENSATED TEMPERATURE RANGE: -10°C - +40°C
 13. TEMPERATURE EFFECT ON ZERO: \pm 0.02%FS/°C
 14. TEMPERATURE EFFECT ON OUTPUT: \pm 0.001%FS/°C
 15. INSULATION RESISTANCE: >5000 MEGOHMS
 16. LOAD CELL CABLE: 4 CONDUCTOR, 10 FT
 17. LOAD CELL WIRING:
 - GREEN +EXC
 - BLACK -EXC
 - WHITE +SIG
 - RED -SIG
 - BRAID/YELLOW: SHIELD
 18. FM APPROVED
 19. MAX PLATFORM SIZE: 400 X 400 mm

RATED CAPACITY	DIMENSIONS								I
	A	B	C	D	E	F	G	H	
7.5-100KG	5.31	1.18	0.98	0.57	1.37	4.17	0.59	0.19	1/4-20UNCx0.56dp

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.

CG-1130 SINGLE POINT LOAD CELL

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-1130	C
MODEL CG-1130		SHEET 1 OF 1	

<p>THIS DRAWING USES THIRD ANGLE PROJECTION</p>	<p>TOLERANCES UNLESS OTHERWISE SPECIFIED</p> <p>.XX-±.01</p> <p>.XXX-±.005</p> <p>FRACTIONS-±1/16"</p> <p>ANGLES: ±1/2°</p>	APPROVALS	DATE
		DRAWN: DH	9/08/09
		CHECKED: MB	9/08/09
		ENGINEER: DH	9/08/09
APPROVED: AA		9/08/09	
MATERIAL		STAINLESS STEEL	

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