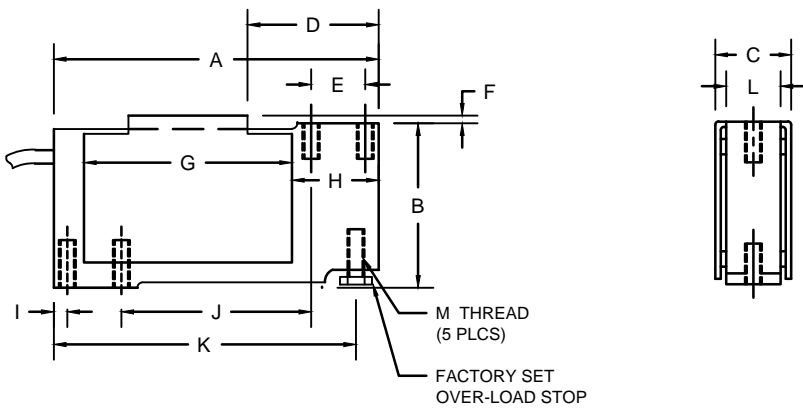


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	-	EDIT DIMENSION TABLE	9/08/09	-	-	-	-
-	F	REDRAWN FOR LABELING CONSISTENCY	12/15/15	2016-50	TB	AB	AA



PERFORMANCE SPECIFICATIONS:

- CAPACITIES: 3KG, 5KG, 7KG, 10KG, 15KG, 20KG, 30KG, 50KG, & 90KG
- RATED OUTPUT: 2.00 mV/V $\pm 10\%$
- SAFE OVERLOAD: 150% FS
- EXCITATION VOLTAGE: 10-20V AC/DC
- INPUT RESISTANCE: 410 ± 10 OHMS
- OUTPUT RESISTANCE: 350 ± 3 OHMS
- ZERO BALANCE: $\pm 1.00\%$ FS
- SEAL TYPE: ENVIRONMENTALLY SEALED, POTTED, IP67
- NON-LINEARITY: $\pm 0.03\%$ FS
- HYSTERESIS: $\pm 0.02\%$ FS
- REPEATABILITY: $\pm 0.02\%$ FS
- CREEP: $\pm 0.03\%$ FS
- COMPENSATED TEMPERATURE RANGE: $-10^{\circ}\text{C} - +40^{\circ}\text{C}$
- TEMPERATURE EFFECT ON ZERO: $\pm 0.02\%$ FS/ $^{\circ}\text{C}$
- TEMPERATURE EFFECT ON OUTPUT: $\pm 0.001\%$ FS/ $^{\circ}\text{C}$
- INSULATION RESISTANCE: >5000 MEGOHMS
- LOAD CELL CABLE: 4 CONDUCTOR, 10 FT
- LOAD CELL WIRING:
GREEN +EXC
BLACK -EXC
WHITE +SIG
RED -SIG
BRAID/YELLOW: SHIELD
- FM APPROVED
- MAX PLATFORM SIZE: 400 X 400 mm

RATED CAPACITY	DIMENSIONS												
	A	B	C	D	E	F	G	H	I	J	K	L	M
3-90KG	4.65	2.48	1.32	1.34	0.75	0.12	3.15	0.96	0.30	2.55	4.35	1.00	1/4-20UNCx0.50dp

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.

CG-1010 SINGLE POINT LOAD CELL

APPROVALS		DATE
DRAWN:	DH	9/08/09
CHECKED:	MB	9/08/09
ENGINEER:	DH	9/08/09
APPROVED:	AA	9/08/09
MATERIAL		
ALUMINUM		

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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-1010	F
MODEL CG-1010		SHEET 1 OF 1	