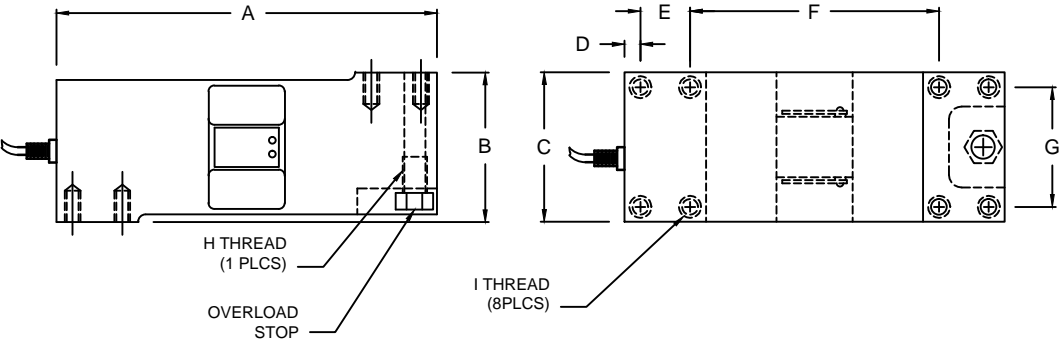


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	12/07/13	-	-	-	-
-	A	REDRAWN, REVISED NOTE#22 MPS	1/31/14	-	FR	AA	AA
-	B	REDRAWN FOR LABELING CONSISTENCY	10/20/15	2016-38	TB	AB	AA

**PERFORMANCE SPECIFICATIONS:**

- CAPACITIES: 50KG, 75KG, 100KG, 150KG, 200KG, 250KG, 300KG, 500KG, 635KG, & 1000KG
- RATED OUTPUT: 2.00 mV/V  $\pm 10\%$
- SAFE OVERLOAD: 150% FS
- EXCITATION VOLTAGE: 10-20V AC/DC
- INPUT RESISTANCE: 410  $\pm 10$  OHMS
- OUTPUT RESISTANCE: 350  $\pm 3$  OHMS
- ZERO BALANCE:  $\pm 1.00\%$  FS
- SEAL TYPE: ENVIRONMENTALLY SEALED, POTTED, IP67
- NON-LINEARITY:  $\pm 0.02\%$  FS
- HYSTERESIS:  $\pm 0.02\%$  FS
- REPEATABILITY:  $\pm 0.02\%$  FS
- CREEP:  $\pm 0.03\%$  FS (30 minutes)
- OIML/NTEP PENDING
- C3/CLASS 111 5,000 DIVISION, SINGLE CELL
- COMPENSATED TEMPERATURE RANGE: -10°C To +40°C
- TEMPERATURE EFFECT ON ZERO:  $\pm 0.002\%$  FS/°C
- TEMPERATURE EFFECT ON OUTPUT:  $\pm 0.001\%$  FS/°C
- INSULATION RESISTANCE: 5000 MEGOHMS AT 50vdc
- LOAD CELL CABLE: TEFLON, 4 CONDUCTOR, 10 FT
- LOAD CELL WIRING:
  - GREEN +EXC
  - BLACK -EXC
  - WHITE +SIG
  - RED -SIG
  - BRAID/YELLOW: SHEILD
- FM APPROVED
- MAX PLATFORM SIZE: 50-1000kg 600mm X 600mm / 24" x 24"



RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	I	
50 to 1000KG	7.52	2.95	2.95	0.31	0.98	4.92	2.36	1/2-20UNF x 0.50dp	5/16-18UNC x 0.62dp	

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

**COTI GLOBAL SENSORS, INC.**

**CG-50-SS SINGLE POINT LOAD CELL**

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-50-SS	B
MODEL CG-50-SS		SHEET 1 OF 1	

<p>THIS DRAWING USES THIRD ANGLE PROJECTION</p>	APPROVALS	DATE
	DRAWN: FR	1/31/14
	CHECKED: AA	1/31/14
	ENGINEER: JSP	1/31/14
<p>THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE REPRODUCED OR DISCLOSED FOR ANY PURPOSE OR USED TO PRODUCE THE ARTICLE OR SUBJECT WITHOUT WRITTEN PERMISSION FROM COTI GLOBAL SENSORS, INC.</p>	APPROVED: AA	1/31/14
	MATERIAL	STAINLESS STEEL
<p>TOLERANCES UNLESS OTHERWISE SPECIFIED</p> <p>XX <math>\pm 0.01</math></p> <p>.XXX <math>\pm 0.005</math></p> <p>FRACTIONS <math>\pm 1/16"</math></p> <p>ANGLES: <math>\pm 1/2^\circ</math></p>		