

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	C	RATED OUTPUT WAS: 3.00mV/V ±0.1%	08/14/14	JSP

PERFORMANCE SPECIFICATIONS:

1. CAPACITIES: 1K & 2.5K LB
2. RATED OUTPUT: 3.00 mV/V ±0.25%
3. SAFE OVERLOAD: 150% FS
4. EXCITATION VOLTAGE: 10-20V AC/DC
5. INPUT RESISTANCE: 385 ±10 ΩHMS
6. OUTPUT RESISTANCE: 350 ±3 ΩHMS
7. ZERO BALANCE: ±1.00% FS
8. SEAL TYPE: ENVIRONMENTALLY SEALED, IP67
9. NON-LINEARITY: ±0.03% FS
10. HYSTERESIS: ±0.02% FS
11. REAPEATABLITY: ±0.01% FS
12. CREEP: ±0.02% FS
13. NTEP RATED
14. CLASS 111 5,000 DIVISION, MULTIPLE CELL
15. COMPENSATED TEMPERATURE RANGE: -10°C - +40°C
16. TEMPERATURE EFFECT ON ZERO: ±0.0027%FS/°C
17. TEMPERATURE EFFECT ON OUTPUT: ±0.0015%FS/°C
18. INSULATION RESISTANCE: >5000 MEGOHMS
19. LOAD CELL CABLE: 4 CONDUCTOR, 20 FT
20. LOAD CELL WIRING:

GREEN +EXC

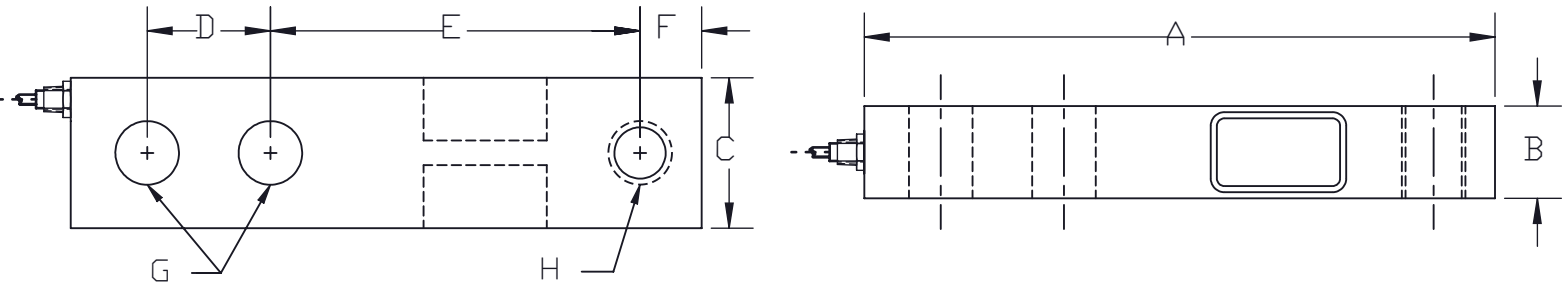
BLACK -EXC

WHITE +SIG

RED -SIG

BRAID/YELLOW: SHEILD

21. FM APPROVED



RATED CAPACITY	DIMENSIONS							
	A	B	C	D	E	F	G	H
1K-2.5K	5.12	0.75	1.22	1.00	3.00	0.50	0.51	1/2-20UNF

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.

CG-23-LP SINGLE ENDED BEAM
NTEP LOAD CELL

		THIS DRAWING USES THIRD ANGLE PROJECTION		APPROVALS		DATE			
		TOLERANCES UNLESS OTHERWISE SPECIFIED .XX-±.01 .XXX-±.005 FRACTIONS-±1/16" ANGLES: ±1/2"		DRAWN: MTSI	10/01/08				
				CHECKED: MB	10/01/08				
				ENGINEER: AA	10/01/08				
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.		APPROVED: AA		10/01/08		CG-23-LP SINGLE ENDED BEAM NTEP LOAD CELL			
				MATERIAL		ALLOY STEEL,PLATED		SCALE NONE	SIZE B
						MODEL CG-23-LP		SHEET 1 OF 1	