



RATED CAPACITY	DIMENSIONS				
	A	B	C	D (MAX)	E
25LB-50LB	2.50	2.00	0.50	0.75	1/4-28UNF
100LB-200LB	2.50	2.00	0.50	0.75	1/4-28UNF
250LB-300LB	3.00	2.00	0.50	0.75	3/8-24UNF
500LB-1.5K	3.00	2.00	0.75	1.00	1/2-20UNF
2K-3K	3.00	2.00	1.00	-	1/2-20UNF
5K	4.25	3.00	1.00	-	3/4-16UNF
10K	4.75	3.50	1.00	-	3/4-16UNF
15K	5.50	4.00	1.25	-	1-14UNF
20K	7.00	5.00	2.00	-	1-1/4-12UNF
40K	7.50	5.50	2.50	-	1-1/2-12UNF

NOTES:
 1. DIAMETERS IN COMMON AXIS CONCENTRIC WITHIN 0.005 T.I.R.

REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	G	REDRAWN FOR CATALOG	04/16/15	2015-15	RLU	JSP	AA
-	H	REDRAWN FOR LABELING CONSISTENCY	12/5/15	2016-31	TB	AB	AA

- PERFORMANCE SPECIFICATIONS:** *Non-NTEP
- CAPACITIES: *25, *50, 100, 150, 200, 250, 300, 500, 750, 1K, 1.5K, 2K, 2.5K, 3K, 5K, 10K, 15K, 20K, *40K. (LB)
 - RATED OUTPUT: 3.00 ±0.25% mV/V.
 - SAFE OVERLOAD: 150% FS.
 - EXCITATION VOLTAGE: 10V AC/DC (15V MAX).
 - INPUT RESISTANCE: 385 ±10Ω.
 - OUTPUT RESISTANCE: 350 ±3Ω.
 - ZERO BALANCE: ±1.00% FS.
 - SEAL TYPE: ENVIRONMENTALLY SEALED IP67.
 - NON-LINEARITY: ±0.03% FS.
 - HYSTERESIS: ±0.02% FS.
 - REPEATABILITY: ±0.01% FS.
 - CREEP: 0.02% FS IN 30 MINUTES.
 - NTEP RATED.
 - CLASS III L, 10000 DIVISIONS, SINGLE CELL APPLICATION.
 - COMPENSATED TEMPERATURE: -10°C TO +40°C.
 - TEMPERATURE EFFECT ON ZERO: ± 0.0027% FS/°C.
 - TEMPERATURE EFFECT ON OUTPUT: ±0.0015% FS/°C.
 - INSULATION RESISTANCE: 2000 MEGOHMS.
 - LOAD CELL CABLE:
 - 4-26AWG, Ø3.8MM, PVC, 20FT. (25LB - 200LB)
 - 4-24AWG, Ø5.6MM, PVC, 20FT. (250LB - 40K)
 - LOAD CELL WIRING:
 - GRN(+ EXC)
 - BLK(- EXC)
 - WHT(+ SIG)
 - RED(- SIG)
 - BRAIDED/YELLOW: SHIELD
 - FM APPROVED.

DO NOT ALTER WITHOUT AGENCY NOTIFICATION
 COTI GLOBAL SENSORS, INC.

	THIS DRAWING USES THIRD ANGLE PROJECTION	APPROVALS		DATE	
		DRAWN: RLU		04/16/15	
		CHECKED: AA		04/16/15	
		ENGINEER: JSP		04/16/15	
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.	TOLERANCES UNLESS OTHERWISE SPECIFIED .XX = ±0.02" .XXX = ±0.005" .XXXX = ±0.0002" FRACTIONS: ±1/16" ANGLES DEG. ±18	APPROVED: AA		04/16/15	
		MATERIAL: ALLOY			
		FINISH: NICKEL PLATED			
		SCALE	SIZE	PART/DRAWING NO.	REV.
		NONE	B	DOD-CGSB	H
		MODEL CGSB			SHEET 1 OF 1