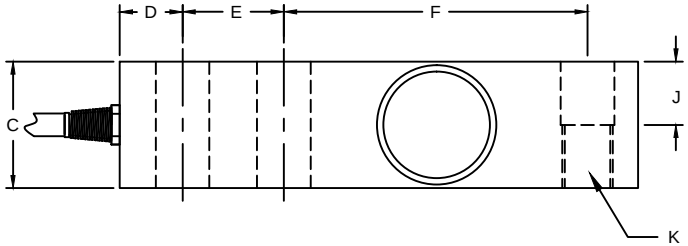
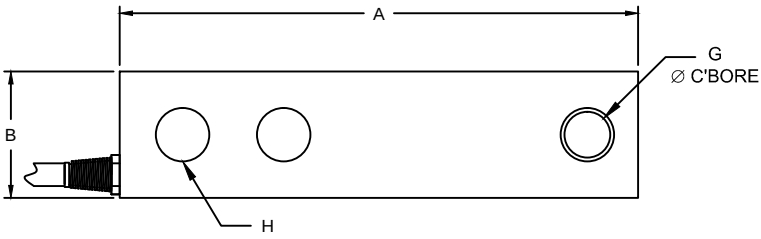
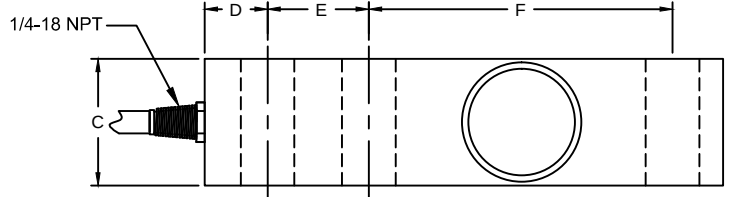
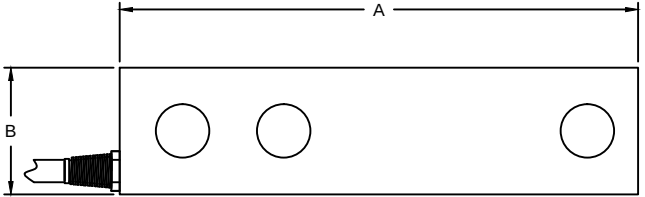


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	E	ADDED NEW TITLE BLOCK	11/7/18	2018-10	TB	AA	AA



CG-23 THREADED LOAD HOLE



CG-23 NON-THREADED LOAD HOLE

- PERFORMANCE SPECIFICATIONS:**
- CAPACITIES: * NON NTEP
*100LB, 250LB, 500LB, 750LB, 1K, 1.5K, 2K, 2.5K, 4K, 5KSE, 5KLE, 10K, 15K, 20K
 - RATED OUTPUT: 3.00 mV/V $\pm 0.25\%$.
 - SAFE OVERLOAD: 150% FS.
 - EXCITATION VOLTAGE: 10V AC/DC (15V MAX) .
 - INPUT RESISTANCE: 385 $\pm 10\Omega$.
 - OUTPUT RESISTANCE: 350 $\pm 3\Omega$.
 - ZERO BALANCE: $\pm 1.00\%$ FS.
 - SEAL TYPE: ENVIRONMENTALLY SEALED IP67
 - NON-LINEARITY: $\pm 0.03\%$ FS.
 - HYSTERESIS: $\pm 0.02\%$ FS.
 - REPEATABILITY: $\pm 0.01\%$ FS.
 - CREEP: $\pm 0.02\%$ FS IN 30 MINUTES.
 - NTEP RATED
 - CLASS III, 10,000 DIVISION, MULTIPLE CELL.
 - COMPENSATED TEMPERATURE RANGE: -10°C TO +40°C.
 - TEMPERATURE EFFECT ZERO: $\pm 0.0027\%$ FS/°C
 - TEMPERATURE EFFECT ON OUTPUT: $\pm 0.0015\%$ FS/°C
 - INSULATION RESISTANCE: 5000 MEGOHMS.
 - LOAD CELL CABLE: 4-24AWG, $\varnothing 5.6\text{MM}$, PVC, 20FT.
 - LOAD CELL WIRING:
GRN (+EXC)
BLK (-EXC)
WHT (+SIG)
RED (-SIG)
BRAID/YELLOW: SHIELD
 - FM APPROVED

RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	J	K
100LB-750LB	5.12	1.25	1.25	0.62	1.00	3.00	0.53	0.53	0.62	1/2-20 UNF
1K-5KSE	5.12	1.25	1.25	0.62	1.00	3.00	0.53	0.53	0.62	1/2-20 UNF
5KLE-10K	6.75	1.50	1.50	0.75	1.50	3.75	0.78	0.78	0.75	3/4-16 UNF
15K-20K	8.88	2.00	2.00	1.00	2.00	4.88	1.03	1.03	1.00	1-14 UNF



DO NOT ALTER WITHOUT AGENCY NOTIFICATION

Coti Global Sensors
MANUFACTURING

Weighing Products Worldwide

CG-23
NTEP LOAD CELL

SCALE: NONE SIZE: B PART/DRAWING NO. DOD-CG-23 REV. E

MODEL : CG-23 SHEET 1 OF 1

APPROVALS		DATE
DRAWN: TB	CHECKED: AA	11/7/18
ENGINEER: TB	APPROVED: AA	11/7/18
MATERIAL: ALLOY STEEL		
FINISH: NICKEL PLATED		

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TOLERANCES UNLESS OTHERWISE SPECIFIED:
 .XX" ± 0.02 "
 .XXX" ± 0.005 "
 .XXXX" ± 0.0002 "
 FRACTIONS $\pm 1/16$ "
 ANGLES DEG. $\pm 1/8$

THIS DRAWING USES THIRD ANGLE PROJECTION

