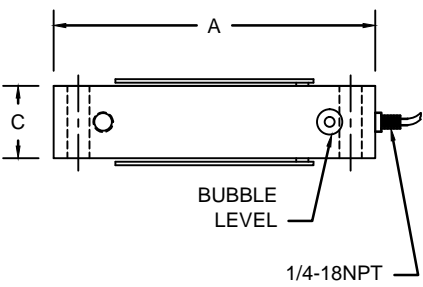
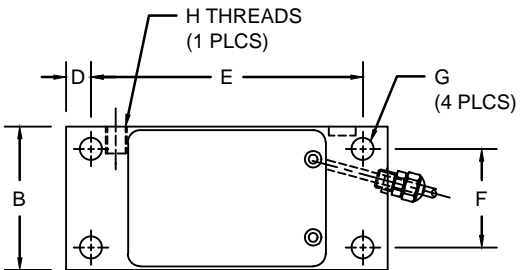


| REVISIONS | | | | | | | |
|-----------|------|----------------------------------|----------|---------|----|-----|------|
| ZONE | LTR. | DESCRIPTION | DATE | ECN | BY | CKD | APVD |
| - | - | INITIAL RELEASE | 10/01/08 | - | - | - | - |
| - | - | EDIT DIMENSION TABLE | 9/08/09 | - | - | - | - |
| - | D | REDRAWN FOR LABELING CONSISTENCY | 12/15/15 | 2016-43 | TB | AB | AA |

*NON-NTEP

PERFORMANCE SPECIFICATIONS:

- CAPACITIES: 50LB, 125LB, 250LB, & *625LB
- RATED OUTPUT: 1.00 mV/V $\pm 10\%$
- SAFE OVERLOAD: 150% FS
- EXCITATION VOLTAGE: 10-20V AC/DC
- INPUT RESISTANCE: 385 ± 10 OHMS
- OUTPUT RESISTANCE: 350 ± 3 OHMS
- ZERO BALANCE: $\pm 1.00\%$ FS
- SEAL TYPE: ENVIRONMENTALLY SEALED, IP65
- NON-LINEARITY: $\pm 0.02\%$ FS
- HYSTERESIS: $\pm 0.02\%$ FS
- REPEATABILITY: $\pm 0.02\%$ FS
- CREEP: $\pm 0.03\%$ FS
- NTEP RATED
- CLASS 111 5,000 DIVISION, SINGLE CELL
- COMPENSATED TEMPERATURE RANGE: -10°C - $+40^{\circ}\text{C}$
- TEMPERATURE EFFECT ON ZERO: $\pm 0.002\%$ 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: 50lb 457 X 457 mm
125 - 250lb 609 X 609 mm
625lb 609 X 762 mm



| RATED CAPACITY | DIMENSIONS | | | | | | | |
|----------------|------------|------|------|------|------|------|------|-------------------|
| | A | B | C | D | E | F | G | H |
| 50lb | 6.50 | 2.90 | 0.74 | 0.50 | 5.50 | 2.00 | 0.45 | 5/16-18UNCx0.50dp |
| 125-250lb | 6.50 | 2.90 | 1.46 | 0.50 | 5.50 | 2.00 | 0.45 | 5/16-18UNCx0.50dp |
| 625lb | 8.00 | 3.75 | 1.91 | 0.50 | 7.00 | 2.75 | 0.52 | |

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.

CG-FLS SINGLE POINT CELL
NTEP LOAD CELL

| | | | |
|---|---|--|------------------------------------|
| <p>THIS DRAWING USES THIRD ANGLE PROJECTION</p> | APPROVALS | | DATE |
| | DRAWN: DH | | 9/08/09 |
| | CHECKED: MB | | 9/08/09 |
| | ENGINEER: DH | | 9/08/09 |
| <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> | <p>TOLERANCES UNLESS OTHERWISE SPECIFIED</p> <p>XX-± 0.01</p> <p>.XXX-± 0.005</p> <p>FRACTIONS-$\pm 1/16"$</p> <p>ANGLES: $\pm 1/2^{\circ}$</p> | | <p>APPROVED: AA</p> <p>9/08/09</p> |
| | MATERIAL | | <p>STAINLESS STEEL</p> |

| | | | |
|--------------|------|------------------|--------------|
| SCALE | SIZE | PART/DRAWING NO. | REV. |
| NONE | B | DOD-CG-FLS | D |
| MODEL CG-FLS | | | SHEET 1 OF 1 |