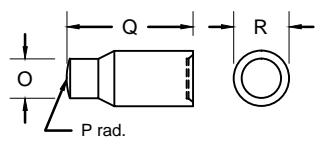
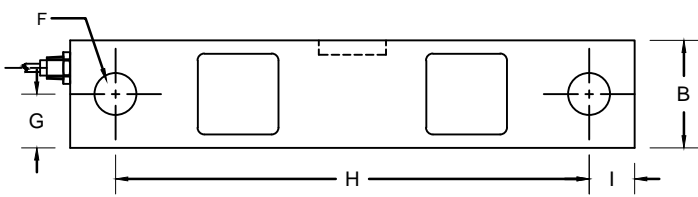
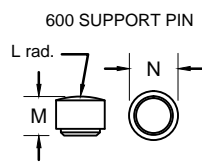
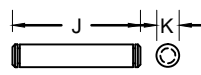
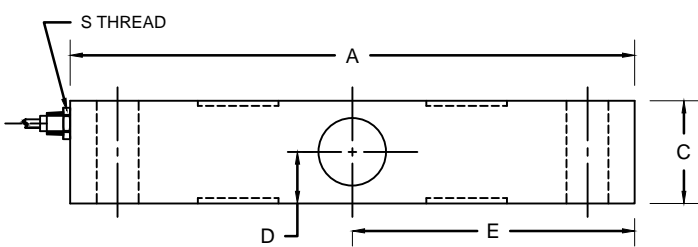


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	C	REDRAWN FOR LABELING CONSISTENCY	12/15/15	2016-46	TB	AB	AA



PERFORMANCE SPECIFICATIONS:

- CAPACITIES: 40K & 50K LB
- RATED OUTPUT: 3.00 mV/V ±0.1%
- SAFE OVERLOAD: 150% FS
- EXCITATION VOLTAGE: 10-20V AC/DC
- INPUT RESISTANCE: 700 ±10 OHMS
- OUTPUT RESISTANCE: 700 ±5 OHMS
- 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
- NTEP RATED
- CLASS 111L 10,000 DIVISION, MULTIPLE CELL
- COMPENSATED TEMPERATURE RANGE: -10°C - +40°C
- TEMPERATURE EFFECT ON ZERO: ±0.0027%FS/°C
- TEMPERATURE EFFECT ON OUTPUT: ±0.0015%FS/°C
- INSULATION RESISTANCE: >5000 MEGOHMS
- LOAD CELL CABLE: 4 CONDUCTOR, 60 FT BRAIDED SHIELD
- LOAD CELL WIRING:
 - GREEN +EXC
 - BLACK -EXC
 - WHITE +SIG
 - RED -SIG
 - BRAID/YELLOW: SHIELD
- FM APPROVED

RATED CAPACITY	DIMENSIONS																			
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	
40K-50K	10.50	2.44	1.94	0.97	5.25	0.78	1.22	8.75	0.88	-	-	-	-	-	-	-	-	-	-	1/2-14 NPT
#600 Support Pin	-	-	-	-	-	-	-	-	-	4.25	0.75	-	-	-	-	-	-	-	-	-
#606 Load Button	-	-	-	-	-	-	-	-	-	-	-	8.00	1.00	1.25	-	-	-	-	-	-
#607 Rocker Pin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.25	8.00	4.00	1.75	-	-

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.

CG-STR1 DOUBLE-ENDED BEAM NTEP LOAD CELL

APPROVALS		DATE
DRAWN: MTSI	CHECKED: MB	10/01/08
ENGINEER: AA	APPROVED: AA	10/01/08
MATERIAL		
ALLOY STEEL		

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TOLERANCES UNLESS OTHERWISE SPECIFIED
 .XX±.01
 .XXX±.005
 FRACTIONS±1/16"
 ANGLES: ±1/2°

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-STR1	C
MODEL CG-STR1			SHEET 1 OF 1