



RATED CAPACITY	DIMENSIONS								
	A	B	C	D	E	F	G	H	I
200lb	5.00	1.94	4.00	0.50	1.00	1.50	1.00	0.25	M10X1.5X0.75dp
500lb-1000lb	7.00	2.46	6.00	0.50	2.13	1.96	1.13	0.42	M16X2.0X0.75dp

REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	3/15/11	-	-	-	-

PERFORMANCE SPECIFICATIONS:

- CAPACITIES: 200lb, 500lb, & 1000lb
- RATED OUTPUT: 2.00 mV/V $\pm 10\%$
- SAFE OVERLOAD: 150% FS
- EXCITATION VOLTAGE: 10-20V AC/DC
- INPUT RESISTANCE: 410 ± 10 OHMS
- OUTPUT RESISTANCE: 350 ± 3 OHMS
- ZERO BALANCE: $\pm 1.00\%$ FS
- SEAL TYPE: ENVIRONMENTALLY SEALED, IP67
- NON-LINEARITY: $\pm 0.03\%$ FS
- HYSTERESIS: $\pm 0.03\%$ FS
- REPEATABILITY: $\pm 0.02\%$ FS
- CREEP: $\pm 0.03\%$ FS
- COMPENSATED TEMPERATURE RANGE: $-10^{\circ}\text{C} - +40^{\circ}\text{C}$
- 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
 - RED +SIG
 - WHITE -SIG
 - BRAID/YELLOW: SHEILD
- FM APPROVED
- MAX PLATFORM SIZE: 600 X 600 mm



Scales & Components

201-797-2718 * 800-631-0347

DO NOT ALTER WITHOUT AGENCY NOTIFICATION

COTI GLOBAL SENSORS, INC.

CG-SPLM SINGLE POINT CELL

APPROVALS		DATE
DRAWN: DH		3/15/11
CHECKED: MB		3/15/11
ENGINEER: DH		3/15/11
APPROVED: AA		3/15/11

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