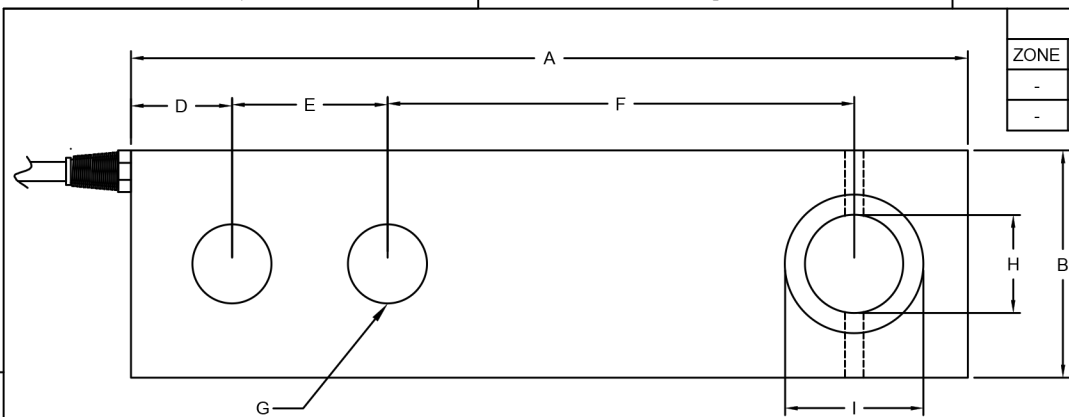
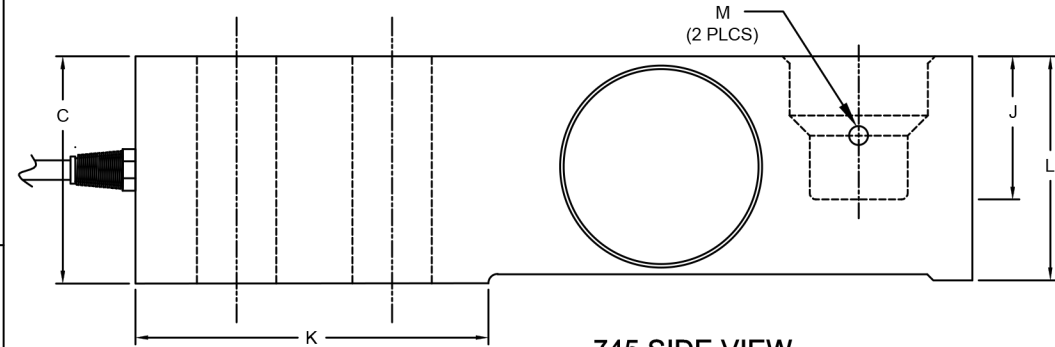




745 TOP VIEW



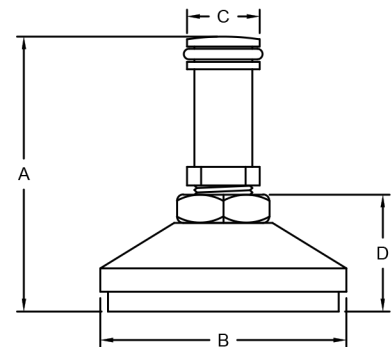
745 SIDE VIEW

REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	F	ADDED NEW FT745 & 745A	05/23/19	2019-33	TB	AA	AA
-	G	UPDATED LOAD BUTTON DIMENSIONS	09/12/19	2019-38	TB	AA	AA

- PERFORMANCE SPECIFICATIONS:**
- 1. CAPACITIES: 500LB, 1K, 1.25K, 2.5K, 4K, 5K, 10K
 - 2. RATED OUTPUT: 2.00 mV/V $\pm 0.5\%$.
 - 3. SAFE OVERLOAD: 150% FS.
 - 4. EXCITATION VOLTAGE: 10V AC/DC (20V MAX)
 - 5. INPUT RESISTANCE: 385 $\pm 10\Omega$.
 - 6. OUTPUT RESISTANCE: 350 $\pm 3\Omega$.
 - 7. ZERO BALANCE: $\pm 1.00\%$ FS.
 - 8. SEAL TYPE: ENVIRONMENTALLY SEALED.
 - 9. NON-LINEARITY: $\pm 0.03\%$ FS.
 - 10. HYSTERESIS: $\pm 0.02\%$ FS.
 - 11. REPEATABILITY: $\pm 0.02\%$ FS.
 - 12. CREEP: $\pm 0.03\%$ FS IN 30 MINUTES.
 - 13. COMPENSATED TEMPERATURE RANGE: -10°C TO +40°C.
 - 14. TEMPERATURE EFFECT ON ZERO: $\pm 0.002\%$ FS/C°.
 - 15. TEMPERATURE EFFECT ON OUTPUT: $\pm 0.002\%$ FS/C°.
 - 16. INSULATION RESISTANCE: 5000 MEGOHMS AT 50VDC.
 - 17. LOAD CELL CABLE: 4-24AWG, $\varnothing 5.6\text{MM}$, OD, 30FT.
 - 18. LOAD CELL WIRING:

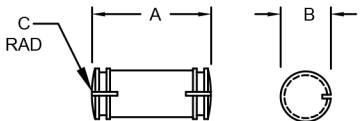
- GRN (+EXC)
- BLK (-EXC)
- WHT (+SIG)
- RED (-SIG)
- YELLOW (SHIELD)

19. FM APPROVED.



STOCK FT745, FT745A

RATED CAPACITY	DIMENSIONS			
	A	B	C	D
FT745	2.14 - 2.30	2.00	0.59	0.95
FT745A	2.76 - 2.92	2.75	0.85	1.52



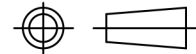
STOCK #655, #655A, #662

RATED CAPACITY	DIMENSIONS		
	A	B	C
#655	1.50	0.59	2.00
#655A	1.25	0.59	2.00
#662	1.73	0.85	2.00

RATED CAPACITY	DIMENSIONS												
	A	B	C	D	E	F	G	H	I	J	K	L	M
500LB-4K	5.25	1.21	1.19	0.63	1.00	3.00	0.51	0.63	0.89	0.69	2.27	1.18	0.12
5K	5.38	1.46	1.46	0.65	1.00	3.00	0.51	0.63	0.89	0.92	2.27	1.44	0.12
10K	6.75	1.69	1.69	0.75	1.50	3.75	0.78	0.89	1.38	1.07	2.91	1.67	0.12



DO NOT ALTER WITHOUT AGENCY NOTIFICATION



THIS DRAWING USES THIRD ANGLE PROJECTION

APPROVALS		DATE
DRAWN:	TB	05/23/19
CHECKED:	AA	05/23/19
ENGINEER:	TB	05/23/19
APPROVED:	AA	05/23/19
MATERIAL:		STAINLESS STEEL

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

Outline Dimensions
745

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	745	F
MODEL #CG-745		SHEET 1 OF 1	