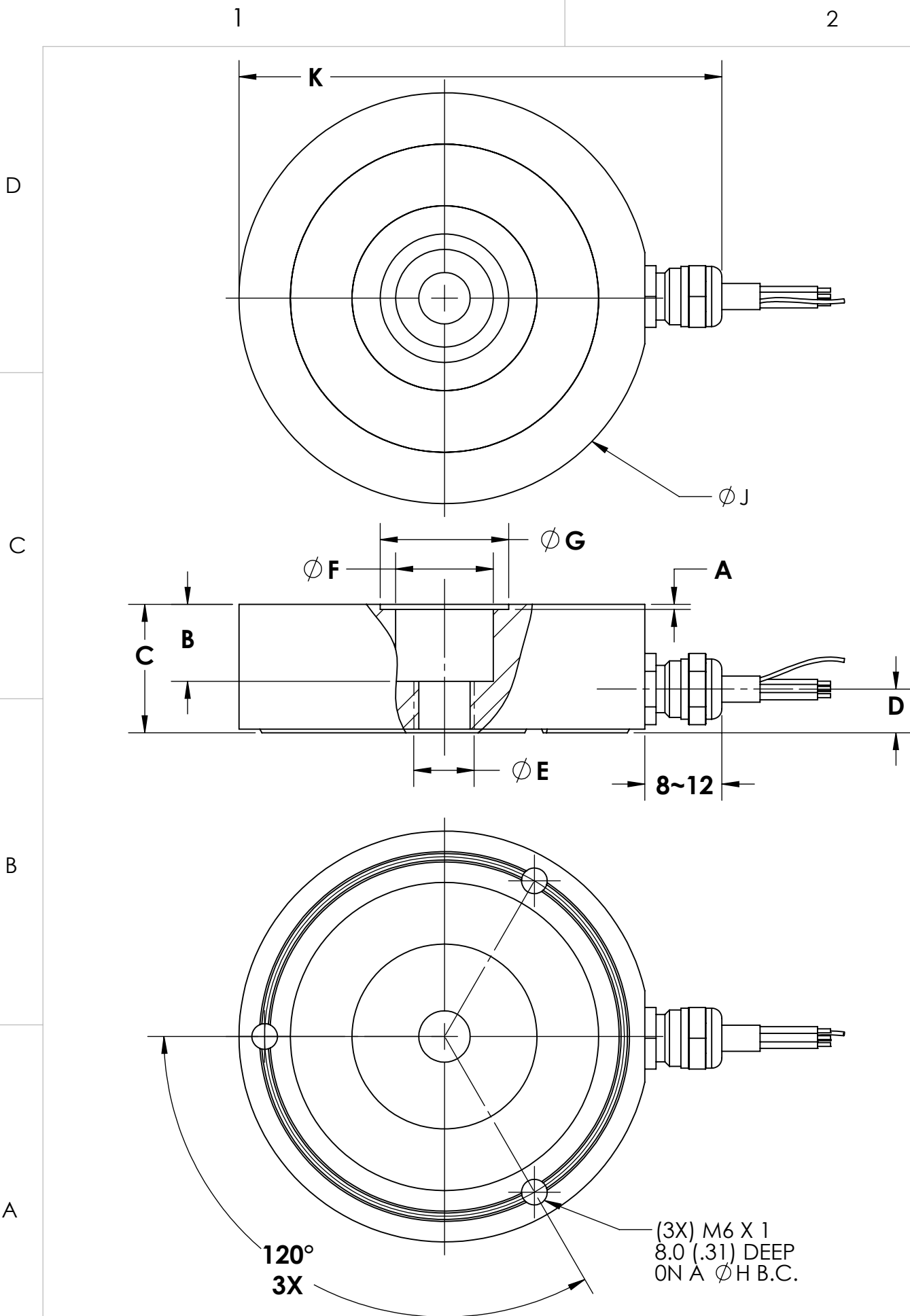




REVISIONS						
ZONE	REV.	DESCRIPTION	ECN	BY	DATE	APPROVED
	-	NEW RELEASE	2021-36	JSP	06/25/22	AT
	A	ZERO BALANCE WAS ± 1.0 %FS	2024-20	JSP	8/12/24	AT

- PERFORMANCE SPECIFICATIONS:
1. RATED CAPACITY (TON): 0.25, 0.5, 1.0, 2.0, 3.5, 5.0, 10
 2. RATED OUTPUT: 2(1.75 for -.25t, 2.05 for 10t) ± 0.5 %FS mV/V
 3. SAFE OVERLOAD: 150%FS
 4. EXCITATION VOLTAGE: 10V AC/DC (30V MAX)
 5. INPUT RESISTANCE: 1110 ± 50 OHMS
 6. OUTPUT RESISTANCE: 1025 ± 25 OHMS
 7. ZERO BALANCE: +2 %FS.
 8. SEAL TYPE HERMETICALLY SEALED IP68
 9. NON-LINEARITY: 0.02 %FS
 10. HYSTERESIS: 0.02 %FS
 11. REPEATABILITY: 0.01 %FS
 12. CREEP: 0.03 %LOAD IN 30 MINUTES
 13. OIML/NTEP CLASS: 250kg ~ 10t (C3/IIIL); 2t ~ 10t (C6/IIIL)
 14. Vmin(%RC): 0.010(C3); 0.007(C6); 0.010(IIIL)
 15. COMPENSATED TEMPERATURE RANGE: -10°C TO 40°C
 16. TEMPERATURE EFFECT ON ZERO $\pm$ %FS/5°C: 0.0070(C3); 0.0045(C6); 0.0100(IIIL)
 17. TEMPERATURE EFFECT ON OUTPUT $\pm$ %FS/5°C: 0.0075
 18. INSULATION RESISTANCE: >5000 MEGOHMS
 19. LOAD CELL CABLE: 4-24 AWG, ϕ 6MM, PVC, 5M (16.4FT) LONG.
 20. LOAD CELL WIRING:
 - PINK (+EXC)
 - GRAY (-EXC)
 - BROWN (+SIG)
 - WHITE (-SIG)
 - CLEAR: SHIELD

CAP (t)	A	B	C	D	E	F	G	H	J	K
0.25,0.5,1.0	1.0	15.0	25.0	9.5	M10-1.5	ϕ 19	ϕ 25	ϕ 70	ϕ 80	97.5
2,3.5,5	6.0	20.0	30.0	8.5	15 H7	ϕ 19	ϕ 25	ϕ 70	ϕ 80	97.5
10	NA	14.8	35.0	10.0	ϕ 24.9	ϕ 29.1	NA	ϕ 83	ϕ 95	112.5



DO NOT ALTER WITHOUT AGENCY NOTIFICATION

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MANUFACTURING
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		THIS DRAWING USES THIRD ANGLE PROJECTION		APPROVALS	NAME	DATE
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.		TOLERANCES UNLESS OTHERWISE SPECIFIED .X= ± 0.5 mm .XX= ± 0.3 mm FRACTIONS= ± 4 ANGLES DEG. ± 3		DRAWN	JSP	06/25/22
				CHECKED	AT	06/25/22
				ENGINEER	JSP	06/25/22
				APPROVED	AT	06/25/22
				MATERIAL: STAINLESS STEEL		
				OUTLINE DIMENSIONS CG-RLC-XX		
SIZE B		DWG. NO. DOD-CG-RLC		REV A		
SCALE: 1:1		WEIGHT:		SHEET 1 OF 1		