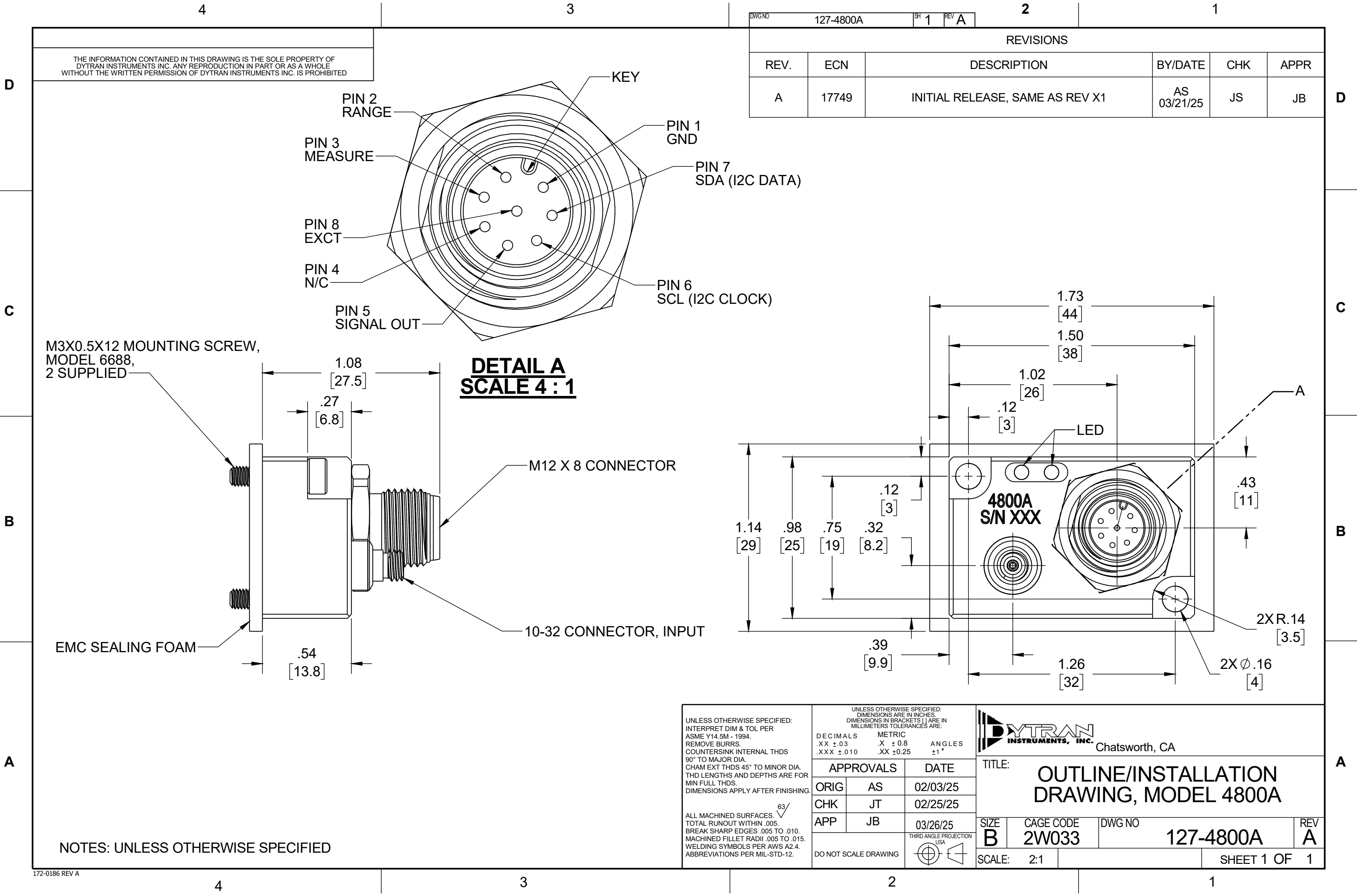




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DWGNO		127-4800A		SH	1	REV	A	2		1	
REVISIONS											
REV.	ECN	DESCRIPTION					BY/DATE	CHK	APPR		
A	17749	INITIAL RELEASE, SAME AS REV X1					AS 03/21/25	JS	JB		

DETAIL A
SCALE 4 : 1

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED:
INTERPRET DIM & TOL PER
ASME Y14.5M - 1994.
REMOVE BURRS.
COUNTERSINK INTERNAL THDS
90° TO MAJOR DIA.
CHAM EXT THDS 45° TO MINOR DIA.
THD LENGTHS AND DEPTHS ARE FOR
MIN FULL THDS.
DIMENSIONS APPLY AFTER FINISHING.

ALL MACHINED SURFACES. ^{63/}
TOTAL RUNOUT WITHIN .005.
BREAK SHARP EDGES .005 TO .010.
MACHINED FILLET RADII .005 TO .015.
WELDING SYMBOLS PER AWS A2.4.
ABBREVIATIONS PER MIL-STD-12.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES.
DIMENSIONS IN BRACKETS [] ARE IN
MILLIMETERS TOLERANCES ARE:

DECIMALS	METRIC	ANGLES
.XX ±.03	.X ±.8	ANGLES ±1°
.XXX ±.010	.XX ±0.25	

APPROVALS		DATE
ORIG	AS	02/03/25
CHK	JT	02/25/25
APP	JB	03/26/25

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION
USA

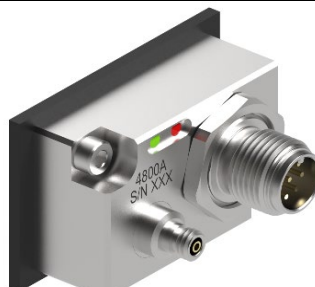
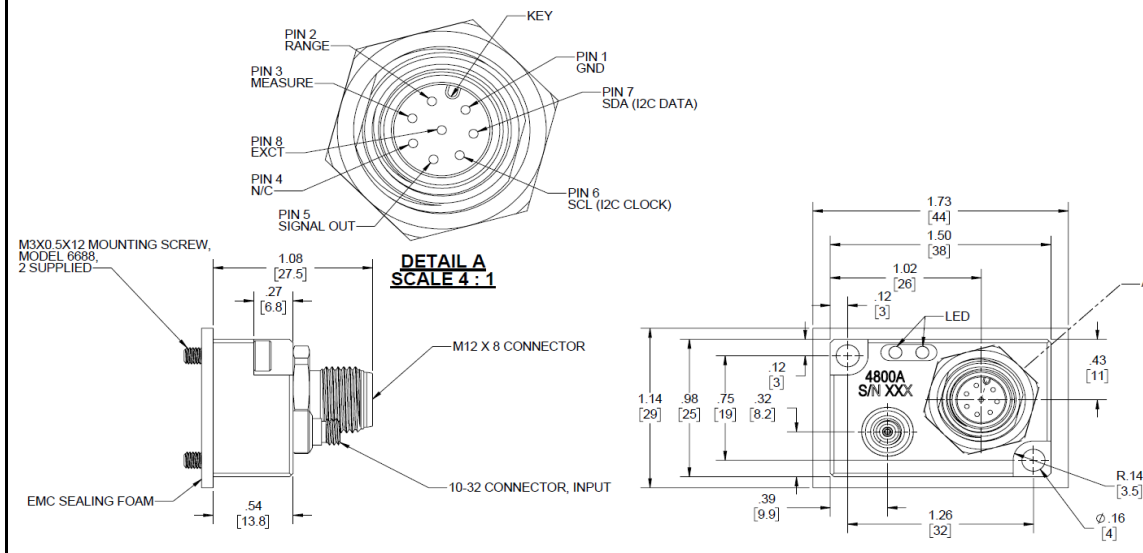


Chatsworth, CA

TITLE: OUTLINE/INSTALLATION
DRAWING, MODEL 4800A

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-4800A	A

SCALE: 2:1 SHEET 1 OF 1

MODEL NUMBER		PERFORMANCE SPECIFICATION				DOC NO.											
4800A						PS4800A											
		CHARGE AMPLIFIER				REV A, ECN17749, 03/21/2025											
						This family also includes:											
						<table><tr><th>Model</th><th>Sensitivity (mV/g)</th><th>Range (Gpeak)</th><th>Oper. Temp(°F)</th><th>Cable Length (FT)</th></tr><tr><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></tr></table>		Model	Sensitivity (mV/g)	Range (Gpeak)	Oper. Temp(°F)	Cable Length (FT)	N/A	N/A	N/A	N/A	N/A
Model	Sensitivity (mV/g)	Range (Gpeak)	Oper. Temp(°F)	Cable Length (FT)													
N/A	N/A	N/A	N/A	N/A													
						Please, refer to the performance specifications of the products in this family for detailed description.											
						Supplied Accessories: 1) Accredited Calibration Certificate (ISO 17025) 2) Model 6688, M3x0.5x12 Mounting Screw, Qty. 2											
						Notes: [1] All specifications are at room temperature unless otherwise specified. [2] Adjusted using I2C interface. 255 steps. [3] Quiescent State [4] In the interest of constant product improvement, we reserve the right to change specifications without notice. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and/or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.											
PHYSICAL Weight, Max Housing Power/Output Connector Input Connector	Material Isolation	ENGLISH		SI													
		<2.12	oz	<60	grams												
		300 Series SS		300 Series SS													
		Case Grounded		Case Grounded													
		M12x8		M12x8													
		10-32		10-32													
PERFORMANCE Maximum Charge Input (Range 1) Maximum Charge Input (Range 2) Gain Range [2] Linearity Full Scale Voltage Output Max Output Current Offset with RESET engaged Frequency Response(-3dB) Output Noise (0.1Hz to 1Mhz) RESET/Operate Jump Drift		at 60,000 pc FS at 6,000 pc FS at 1,200 pc FS	60,000	pC	60,000	pC											
6,000	pC		6,000	pC													
0.2 - 1.0			0.2 - 1.0														
± 0.5	% F.S.		± 0.5	% F.S.													
		± 10	VDC	± 10	VDC												
		± 1	mA	± 1	mA												
		<25	mV	<25	mV												
		~0 - 10,000	Hz	~0 - 10,000	Hz												
		<10	mVpp	<10	mVpp												
		<25	mVpp	<25	mVpp												
		<50	mVpp	<50	mVpp												
		< ±2	pC	< ±2	pC												
		< ±0.05	pC/sec	< ±0.05	pC/sec												
ENVIRONMENTAL Temperature Range (Operational) Storage Temperature		32 - 158	°F	0 - +70	°C												
		14 - 185	°F	-10 - +85	°C												
ELECTRICAL Supply Current [3] Supply Voltage Output Impedance, Typ RESET Max Input Current Logic Values High Logic Values Low Logic Delay Gain Interface		<18	mA	<18	mA												
		18 to 30	VDC	18 to 30	VDC												
		10	Ω	10	Ω												
		10	mA	10	mA												
		12.5 - 30	VDC	12.5 - 30	VDC												
		-3 - 5.0	VDC	-3 - 5.0	VDC												
		<950	μsec	<950	μsec												
		I2C		I2C													
						Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-4800A for more information.											