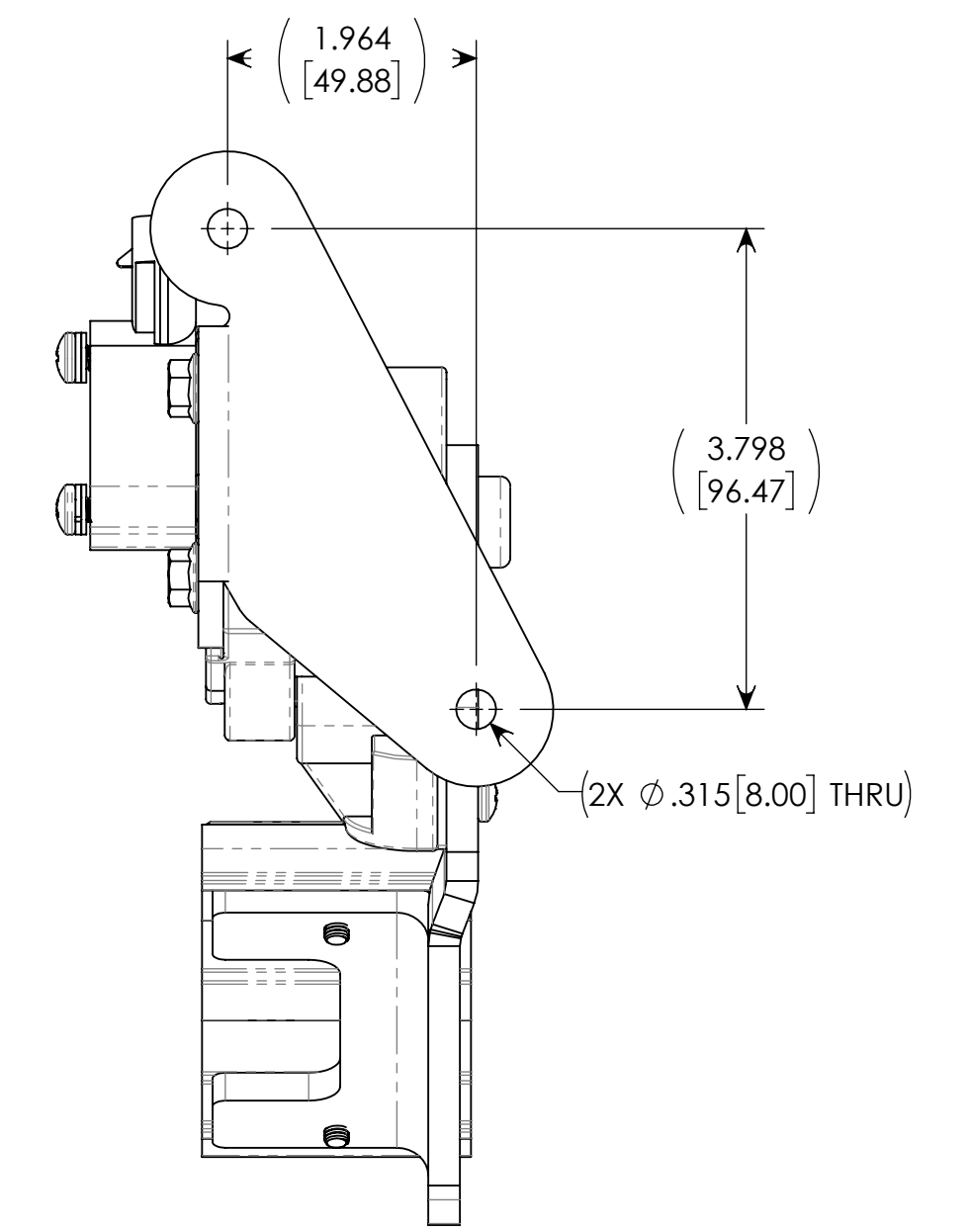
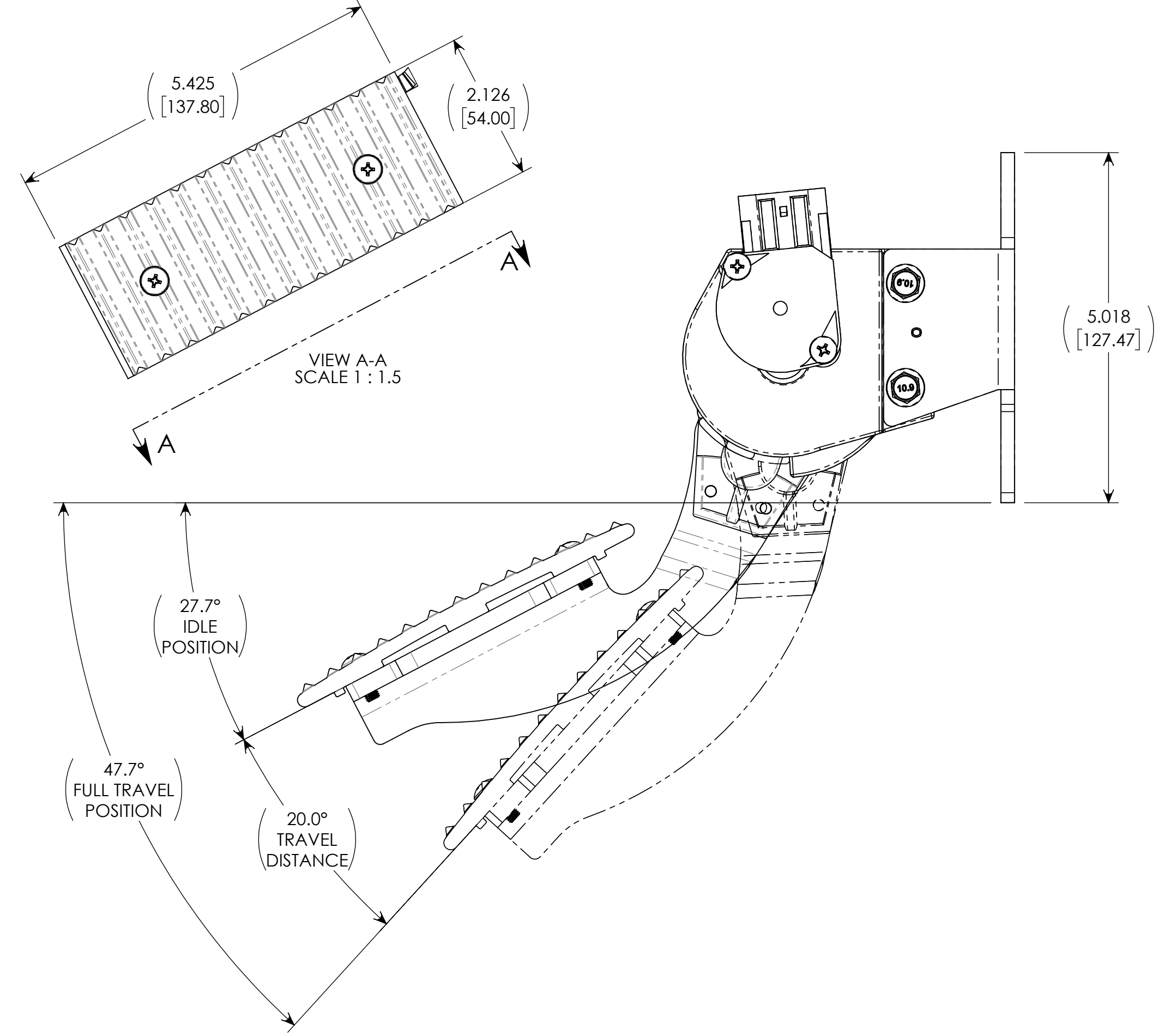
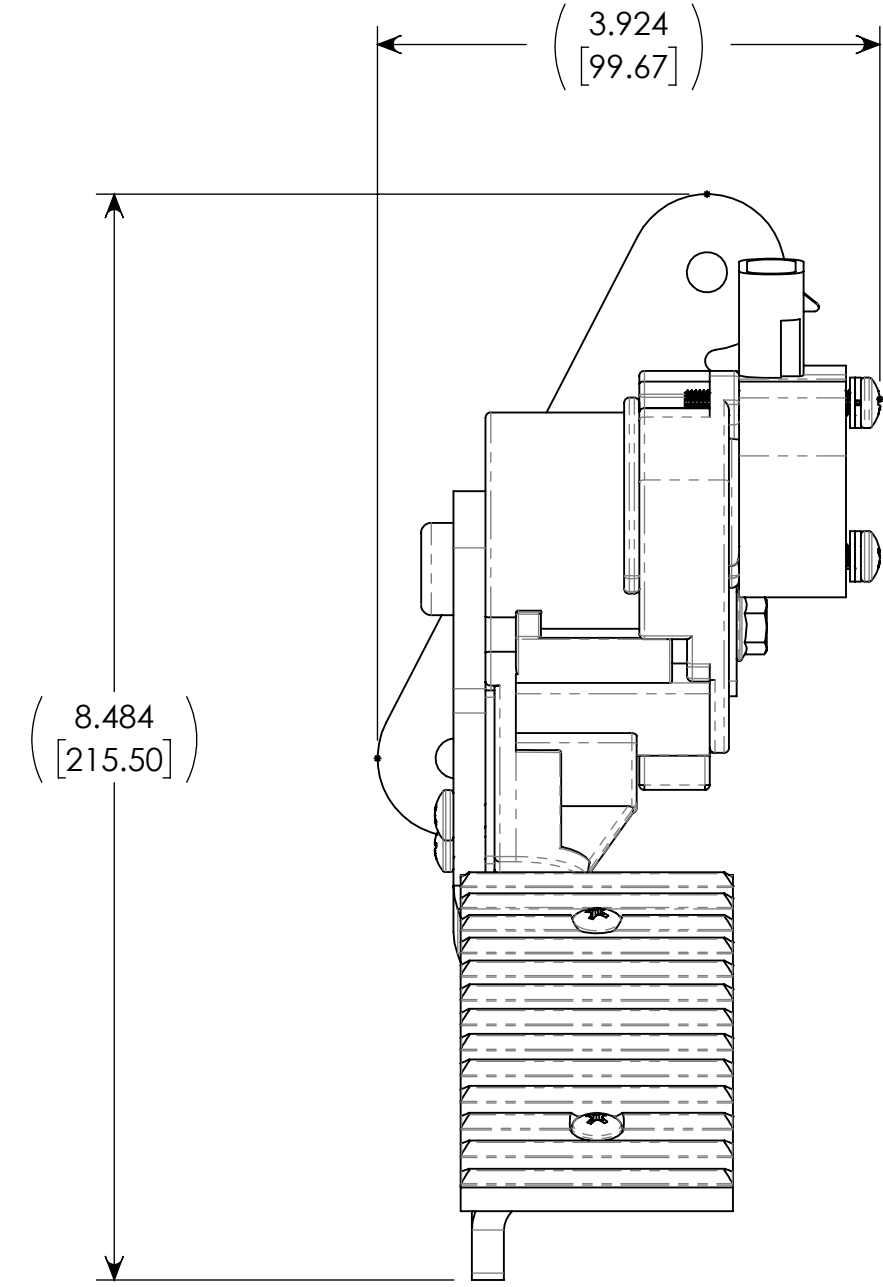
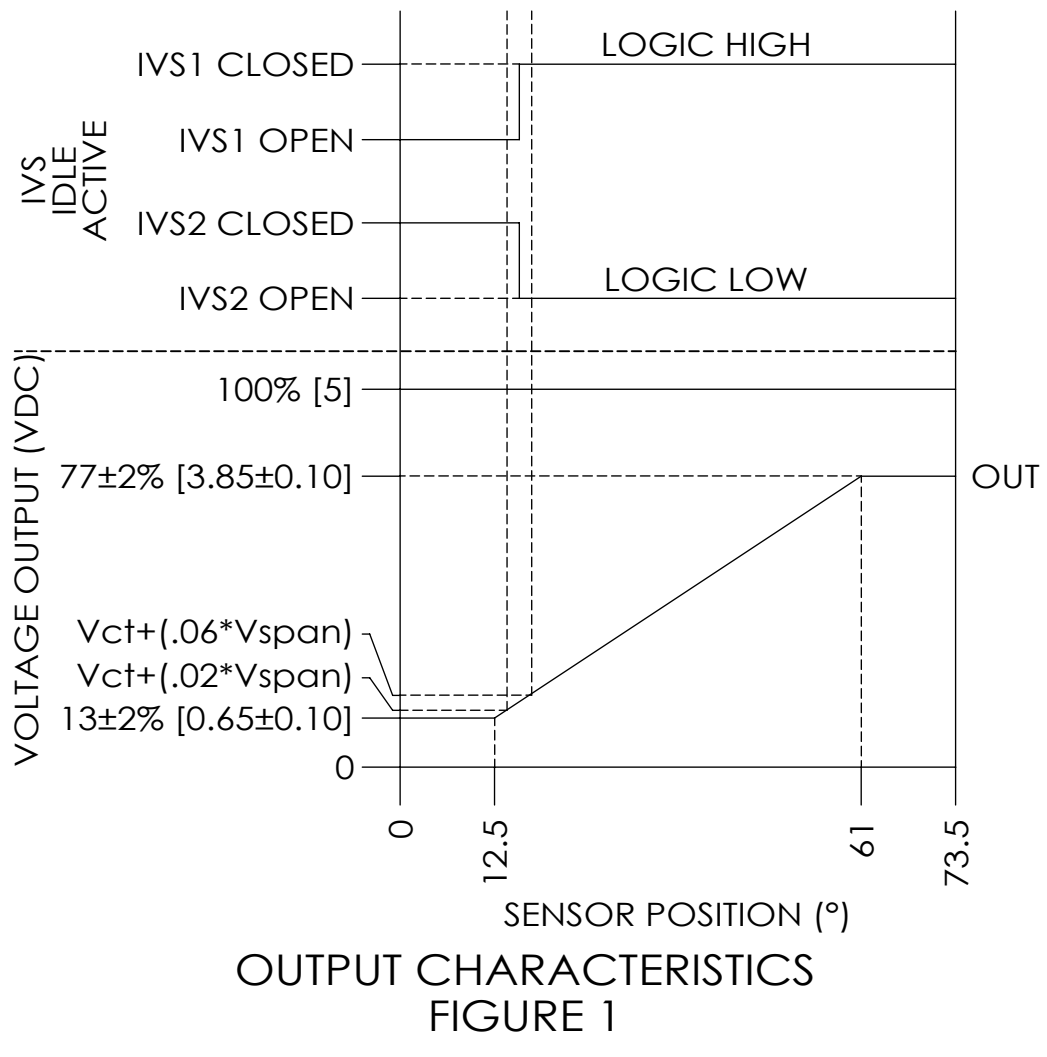
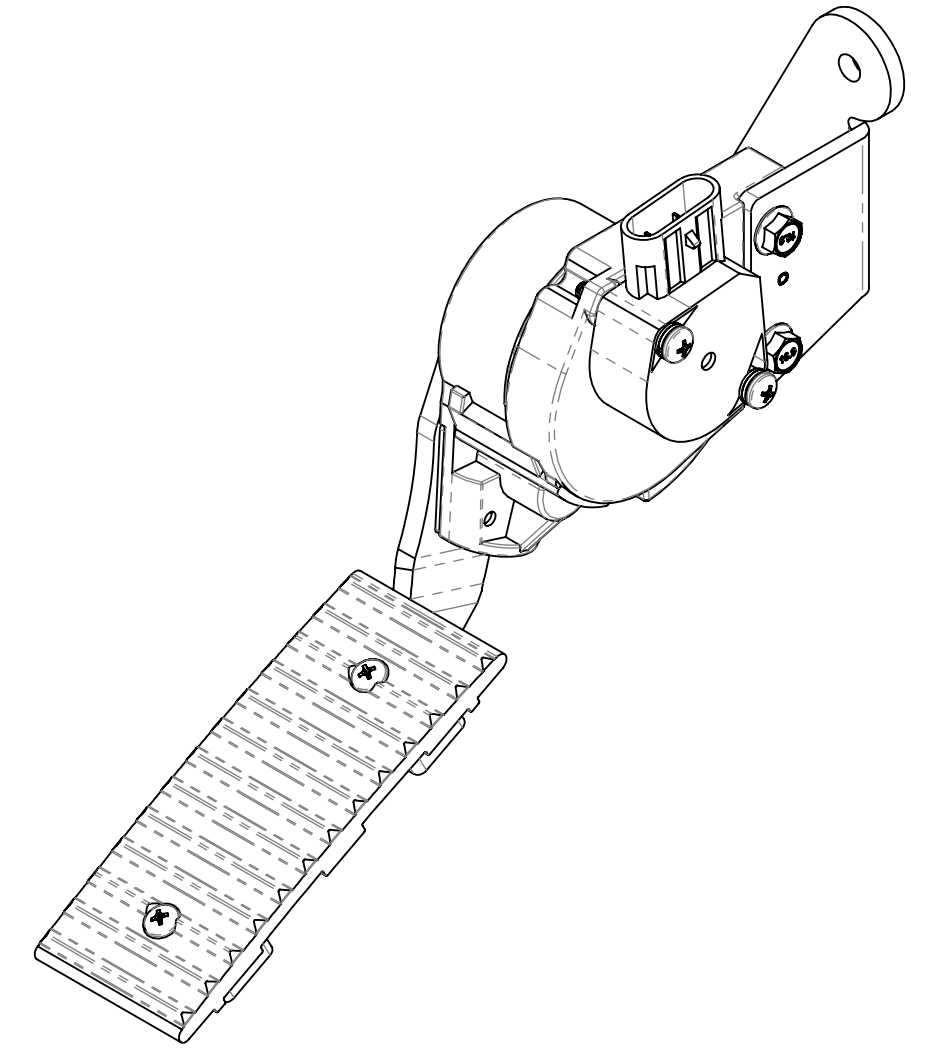
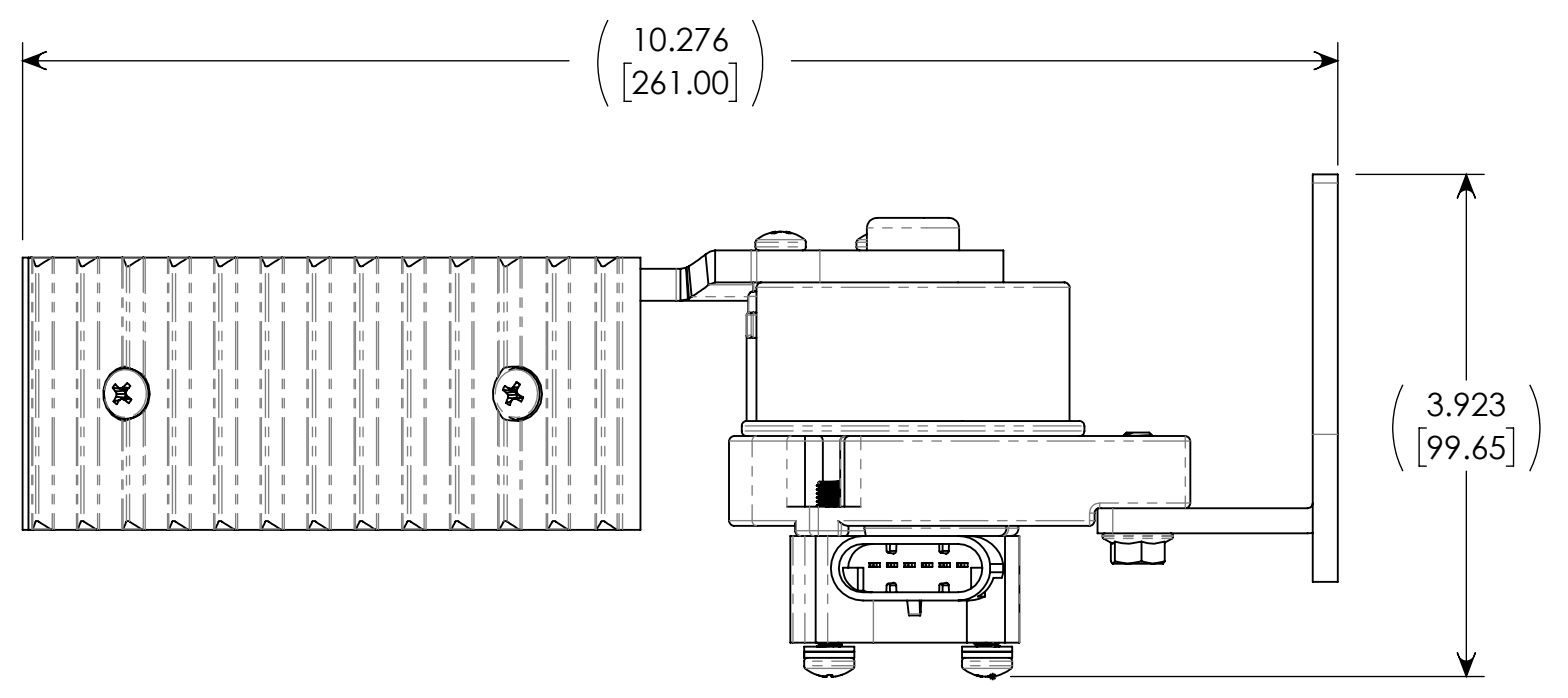
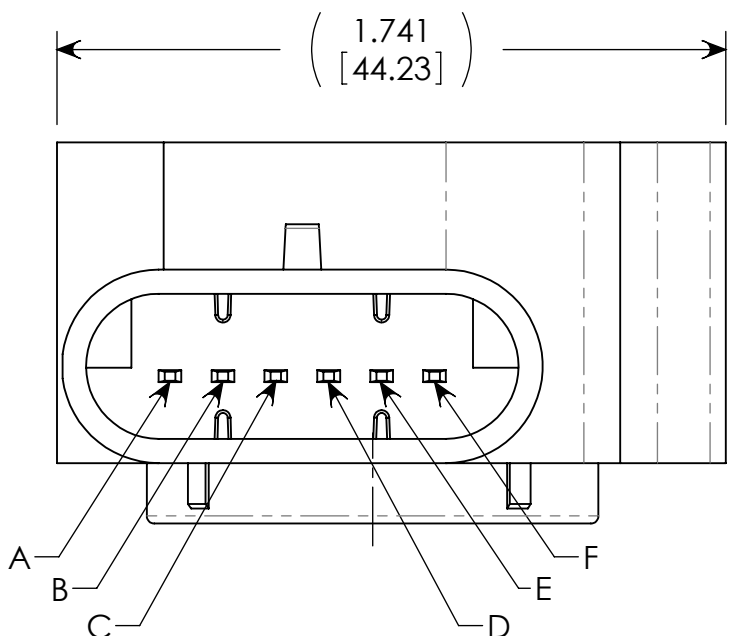


PEDAL SPECIFICATIONS

1. MECHANICAL SPECIFICATIONS
 - TRAVEL (°): 20±1
 - PEDAL ROTATION (°): 10±1
 - WEIGHT (G): 1526
 - LIFE (CYCLES): 5,000,000
 - MAXIMUM STATIC LOAD (N): 1520
2. ELECTRICAL SPECIFICATIONS
 - SENSOR TYPE: RESISTIVE
 - OUTPUT TYPE: SWITCHING
 - OUTPUT RESISTANCE (KΩ): 2.5±15%
 - WORKING VOLTAGE (VDC): 5
 - MAXIMUM VOLTAGE (VDC): 16
 - MAXIMUM CURRENT (MA): 10
 - LINEARITY: ±2%
 - REPEATABILITY: ≤0.1%
 - INSULATION RESISTANCE (MΩ): ≥10
 - ELECTRICAL OUTPUT (VDC): SEE FIGURE 1
3. STANDARDS MET
 - SAE J1843
 - FMVSS 124
 - CUMMINS AEB 15.59
4. MATERIALS
 - TREADLE: CAST ALUMINUM
 - PEDAL BASE: CAST ALUMINUM
 - PEDAL ARM: STEEL PLATED WITH ZINC
 - SENSOR BODY: NYLON COLORED BLACK
 - SPRINGS: 304 STAINLESS STEEL
 - HARDWARE: STEEL PLATED WITH ZINC
 - WIRE: AEX OR AVX 0.5 mm²
 - OTHER PLASTIC PARTS: NYLON
 - OTHER METAL PARTS: STEEL PLATED WITH ZINC



PIN	FUNCTION
A	OUT
B	COM-
C	VCC+
D	IVS1
E	IVS2
F	IVS COM



SENSOR PIN OUT
 MATING CONNECTOR:
 DELPHI #12162261 HOUSING
 DELPHI #12103881 PINS
 DELPHI #12048086 SEAL

INITIALS	DATE	UNLESS OTHERWISE SPECIFIED	TITLE
DRWN BY WSH	5/4/2022	DIMENSIONS ARE IN ENGLISH IN DUAL DIM [] ARE IN METRIC mm	INDUSTRIAL ELECTRONIC CONTROLS ROCKFORD, IL 61109
CHECKED BY JDK	5/4/2022	ANGULAR MACH ----- ±1° ANGULAR BEND ----- ±1° ONE PLACE DECIMAL --- ±0.020 TWO PLACE DECIMAL --- ±0.010 THREE PLACE DECIMAL --- ±0.005	SUSPENDED PEDAL
OTHER		INTERPRET GEOMETRIC TOLERANCES PER ASME Y14.5	SIZE D
FINISH		DO NOT SCALE DRAWING	DRAWING # 10458-005-R0000-S1377
REV CIP	DESCRIPTION	BY DATE	REVISION B
SCALE: 1:1		SHEET 1 OF 1	