CURTISS-WRIGHT

Williams Controls

Rocker Pedal

WM-575

Williams Controls' Hall-effect Rocker Pedal is built for the demanding off-road environment. Its robust design is extremely durable and exhibits outstanding performance for open cab applications.

The design of the Hall-effect Rocker Pedal allows programming of the sensor on the pedal to achieve highly accurate output. Sensor provides a ratio-metric signal that is interpreted by the controller. The electronics are IP 66 sealed and highly EMC resistant (SAE J1113).

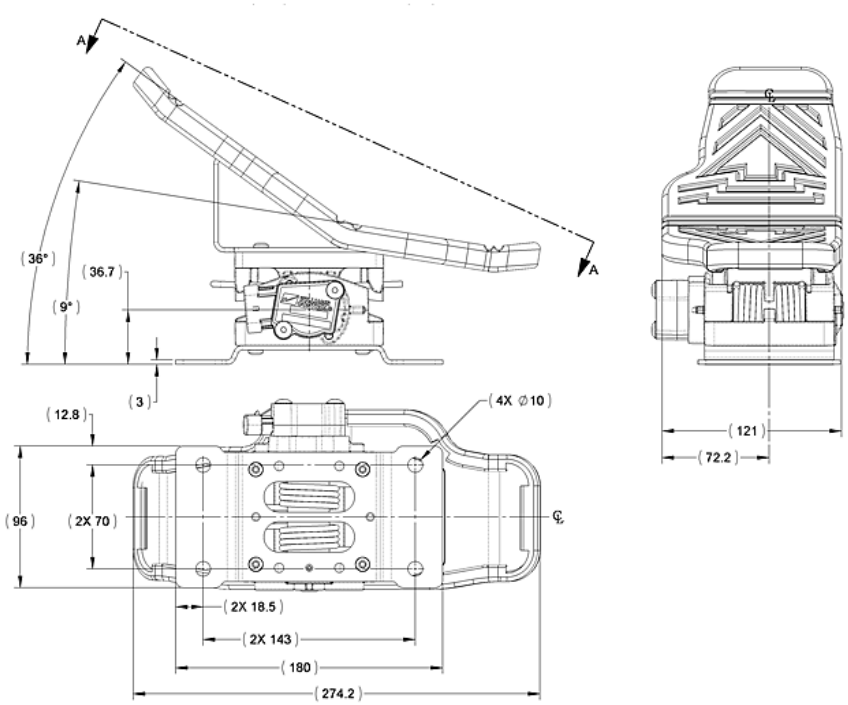
The Rocker Pedal is floor mounted and designed for fore and aft movement. It has a rubber cover for foot traction and is made out of a corrosion resistant coated metal.

The pedal can be customized for side-to-side movement.

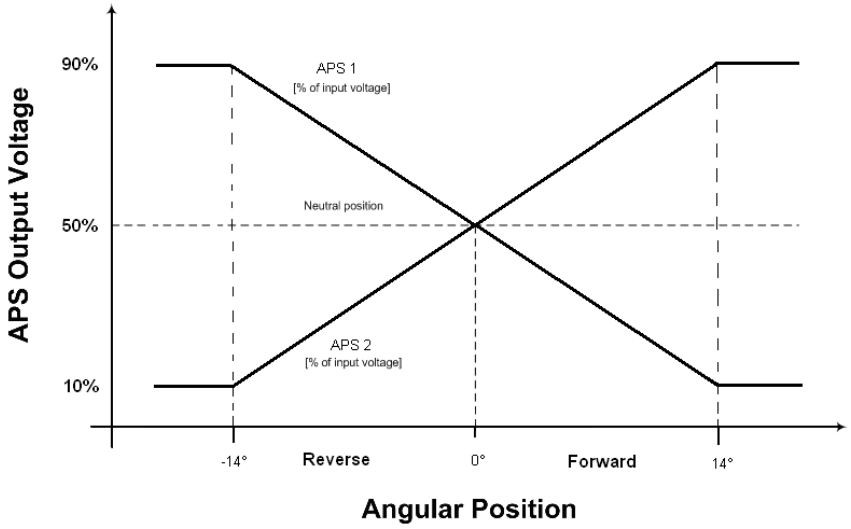
SPECIFICATIONS

PRODUCT LIFE	Full Travel Cycles	5,000,000
ELECTRONICS	Seal Integrity EMI	Electronics IP67 sealed (IEC 60529) SAE J1113 Compliant
ELECTRICAL	Operating Voltage Output Signal	5V and 12V-24V Dual APS, Dual PWM, APS, PWM, APS/IVS
PEDAL ANGLE	Degrees Operating Force	±14° nominal Neutral = 55N, Full Travel = 75N
MECHANICAL	Static Load Vibration	1500N 3 hour, 3-axis, random broadband up to 4g
ENVIRONMENTAL	Operating Temp Range Storage Temp Range Humidity Sand/Dust	-40°C to 85°C -40°C to 125°C 95% RH for 120 hours, 27°C to 75°C Tested to SAE J1455
MATERIALS	Foot Treadle & Base Plate Treadle Cover Body Castings	Corrosion Resistant Plated Steel NBR Rubber Die-cast Aluminum

MECHANICAL DIMENSIONS (mm)



TYPICAL OUTPUT CHARACTERISTICS (other outputs are available)



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