

Williams Controls Electronic Suspended Pedal

WM-554

The Electronic Suspended Pedal WM-554 designed for commercial and industrial vehicle applications.

The unit is equipped with a Hall Effect non-contact sensor that can be programmed for analog output. The electronics are IP67 sealed and highly EMI resistant (SAE J1113).

The Electronic Suspended Pedal WM-554 is available with a nominal 19.5 degree angular rotation. The Throttle Control has a engineered plastic body and lever arm. The mounting bracket is made out of coated steel.

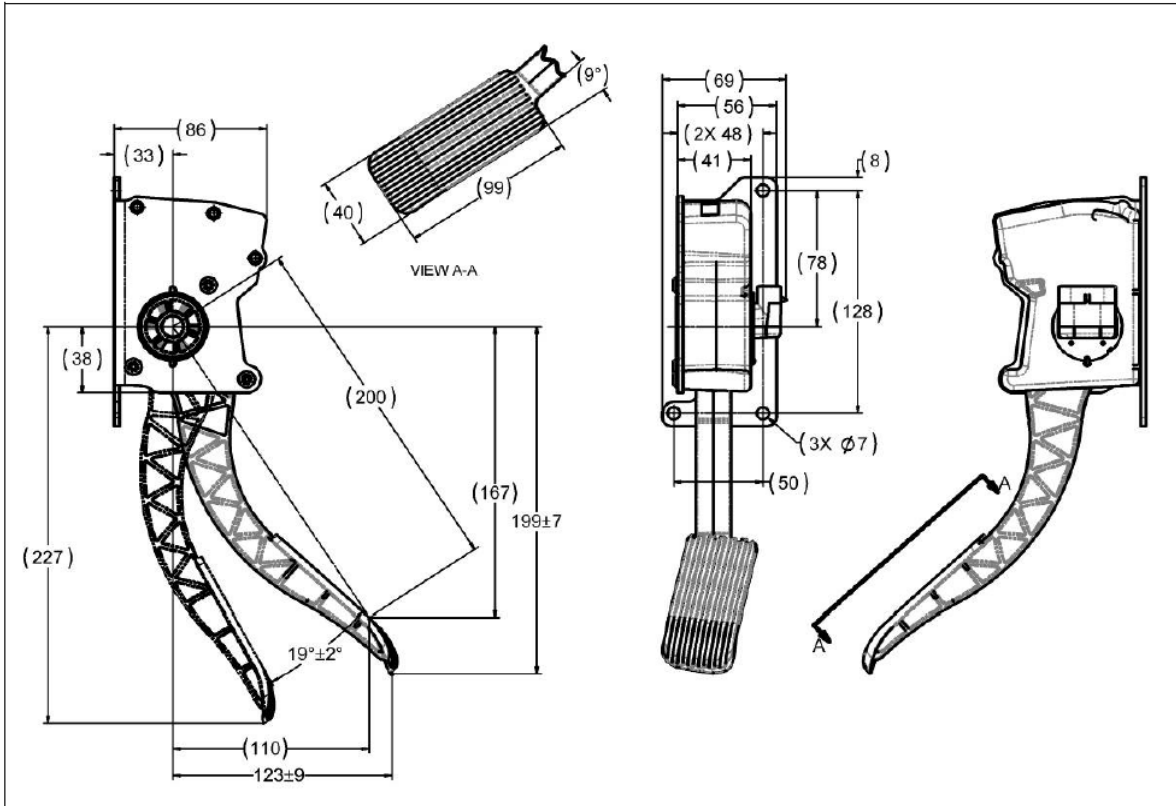
Both lever arm and bracket can be customized to optimize driver ergonomics.



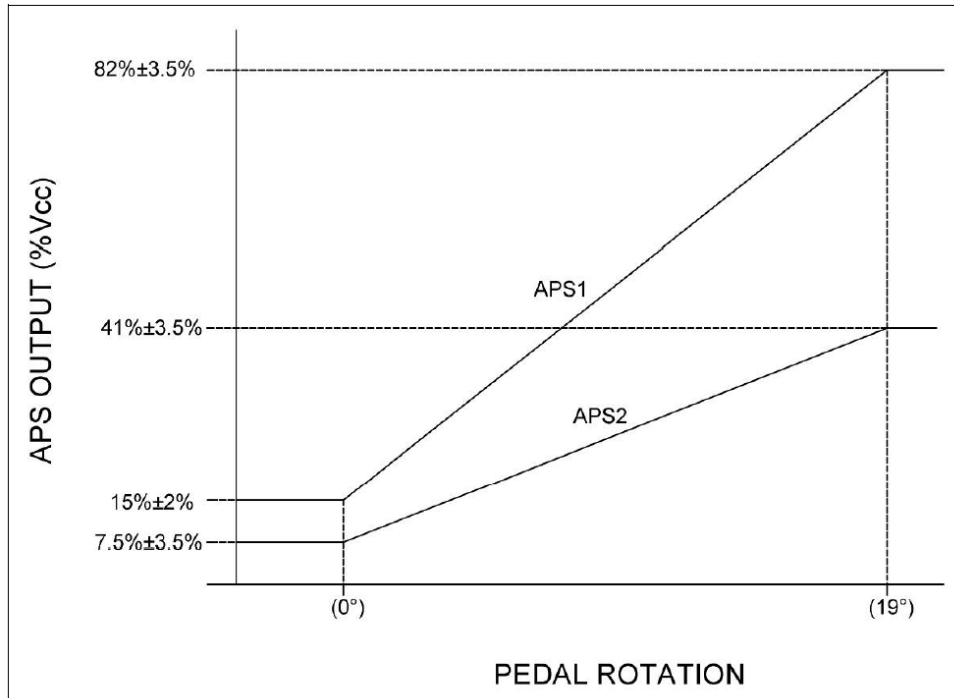
SPECIFICATIONS

PRODUCT LIFE	Full Travel Cycles	3,000,000
ELECTRONICS	Seal Integrity EMI	Electronics IP67 sealed (IEC 60529) SAE J1113 Compliant
ELECTRICAL	Output Signal	Dual APS
PEDAL ANGLE	Degrees	19° Angular Rotation
MECHANICAL	Operating Force (at 200mm from pivot point) Static Load Vibration	Idle= 17N, Full Travel = 35N 667N @ 200mm Random broadband up to 4g (3-axis, 3 hr. each axis.)
ENVIRONMENTAL	Operating Temp Range Storage Temp Range Humidity Sand/Dust	-40°C to 85°C -40°C to 105°C 95% RH for 120 hours, 27°C to 75°C Tested to SAE J1455
MATERIALS	Base plate Foot treadle Body castings	Corrosion Resistant Plated Steel Composite Plastic Composite Plastic

MECHANICAL DIMENSIONS (mm)



TYPICAL OUTPUT CHARACTERISTICS (Other outputs are available)



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