

The WM-546 Electronic Suspended Pedal is designed for all commercial vehicle applications, where compact design and a cost-effective solution are essential.

The all-plastic housing has a three-hole bolt pattern for mounting to the vehicle firewall and the foot pad is molded as an integral part of the pedal lever arm.

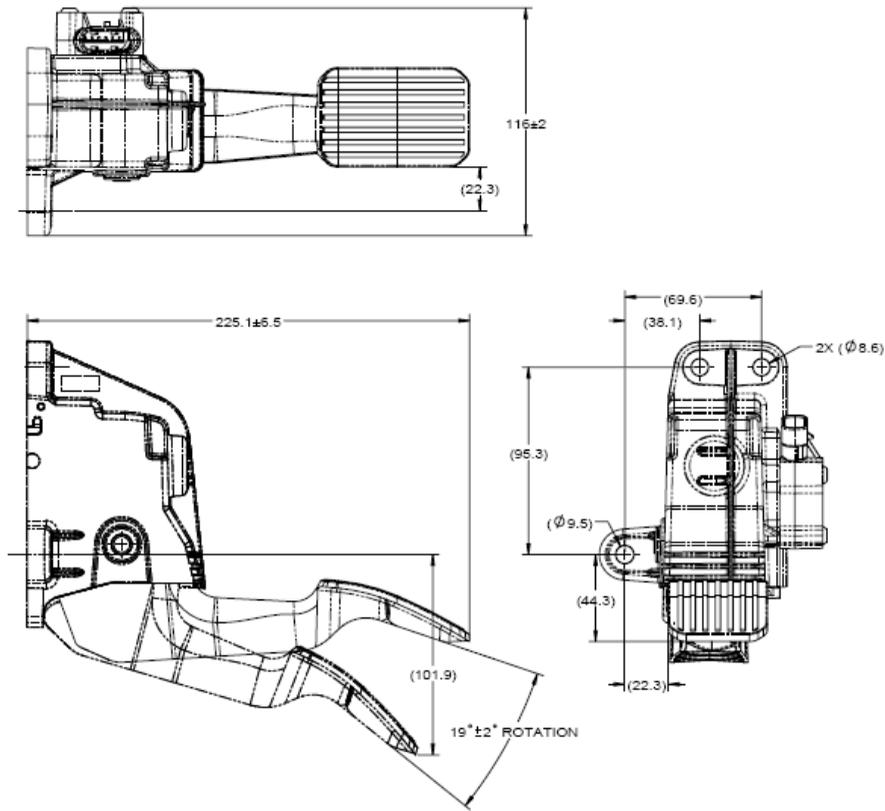
The unit is equipped with a Hall-effect, non-contact sensor that can be programmed for analog output and/or integrated switches. The electronics are IP67 sealed and highly EMI resistant (SAE J1113). In addition, the unit can be offered with contact or PWM output sensors.



SPECIFICATIONS

PRODUCT LIFE	Full Travel Cycles	4,000,000
ELECTRONICS	Seal Integrity EMI	Electronics IP67 sealed (IEC 60529) SAE J1113 Compliant
ELECTRICAL	Operating Voltage Output Signal	Dual APS, APS/IVS, APS/IVS/IVS, Dual PWM
PEDAL ANGLE	Degrees Operating Force	19 ± 2° Angular Rotation Neutral = 25N, Full Travel = 37N
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 85°C 95% RH for 120 hours, 27°C to 75°C Tested to SAE J1455
MATERIALS	Foot treadle Body castings	Glass Filled Nylon 66 Glass Filled Nylon 66

MECHANICAL DIMENSIONS (mm)



TYPICAL OUTPUT CHARACTERISTICS (Other outputs are available)

