

WM-526

Electronic Floor Pedal, Heavy Duty

Key Features

- Customizable mounting options with standard pedal angles of 28.5, 35, and 45 degrees
- Customizable rubber cover
- Hysteresis is designed into pedal for improved performance and ergonomics
- Multiple sensor options work with all engine manufacturers
- Custom connector and pinouts available
- Optional magnetic kickdown to provide operator feedback of automatic transmission utilizing passing gear

The WM-526 Electronic Floor Pedal is designed for all commercial vehicle applications and is highly customizable. Available in kickdown and non-kickdown versions to accommodate customer applications.

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 customized with contact or PWM output sensors.

The WM-526 provides a robust design with a corrosion resistant cast aluminum treadle and a coated steel base plate. The pedal is available in three treadle angles: 28.5°, 35°, and 45°. The treadle is supplied with a rubber cover for improved foot traction.

Product Life Specifications

Full Travel Cycles	10,000,000

Electronic Specifications

Seal Integrity	Electronics IP67 sealed (IEC 60529)
EMI	SAE J1113 Compliant

Electrical Specifications

Operating Voltage	5V and 12V-24V
Output Signal	Dual APS, Dual PWM, APS, PWM, APS/IVS

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Pedal Angle Specifications

Degrees	28.5°, 35°, 45°

Environmental Specifications

Operating Temp Range	-40°C to 85°C
Storage Temp Range	-40°C to 85°C
Humidity	95% RH for 120 hours
Sand/Dust	Tested to SAE J1455

Mechanical Specifications

Static Load	1500N
Vibration	3 hour, 3-axis, random broadband up to 4g

Material Specifications

Main Body	Cast Aluminum
Mounting Plate	Coated Steel
Treadle cover	NBR Rubber

Dimensions

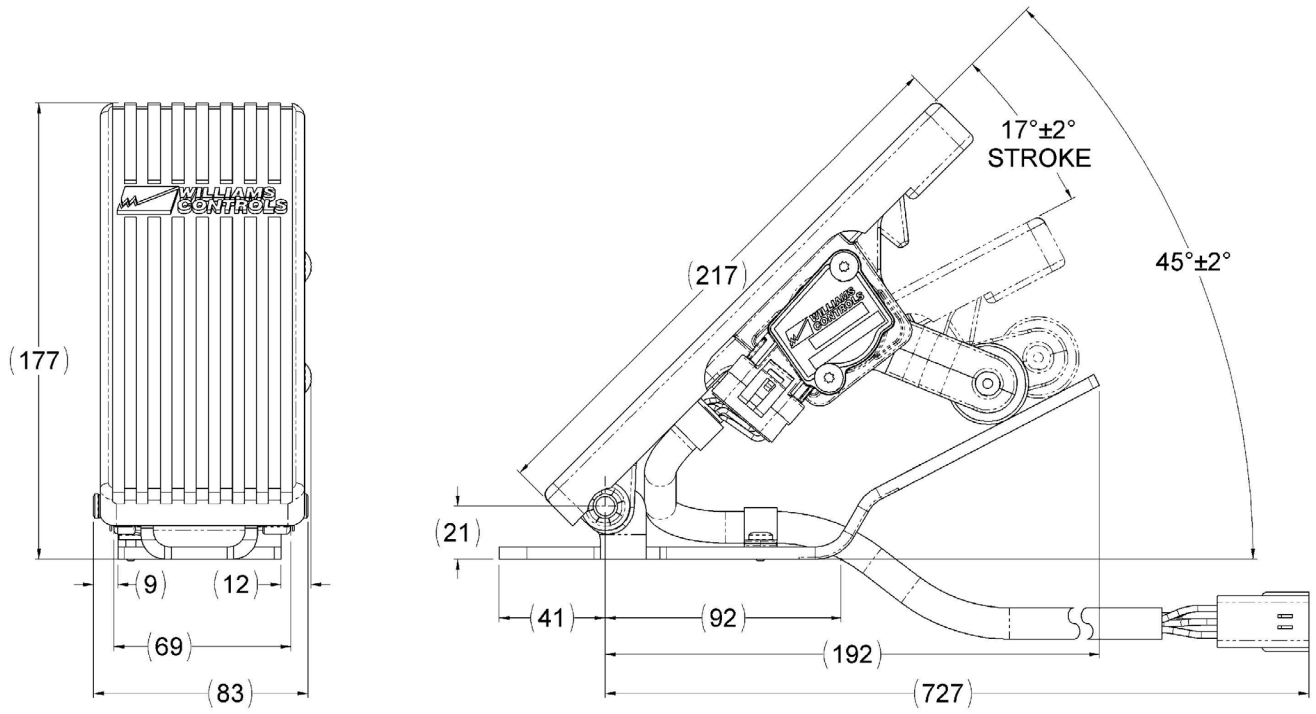


Figure 1: WM-526 Dimensions

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Typical Output Characteristics

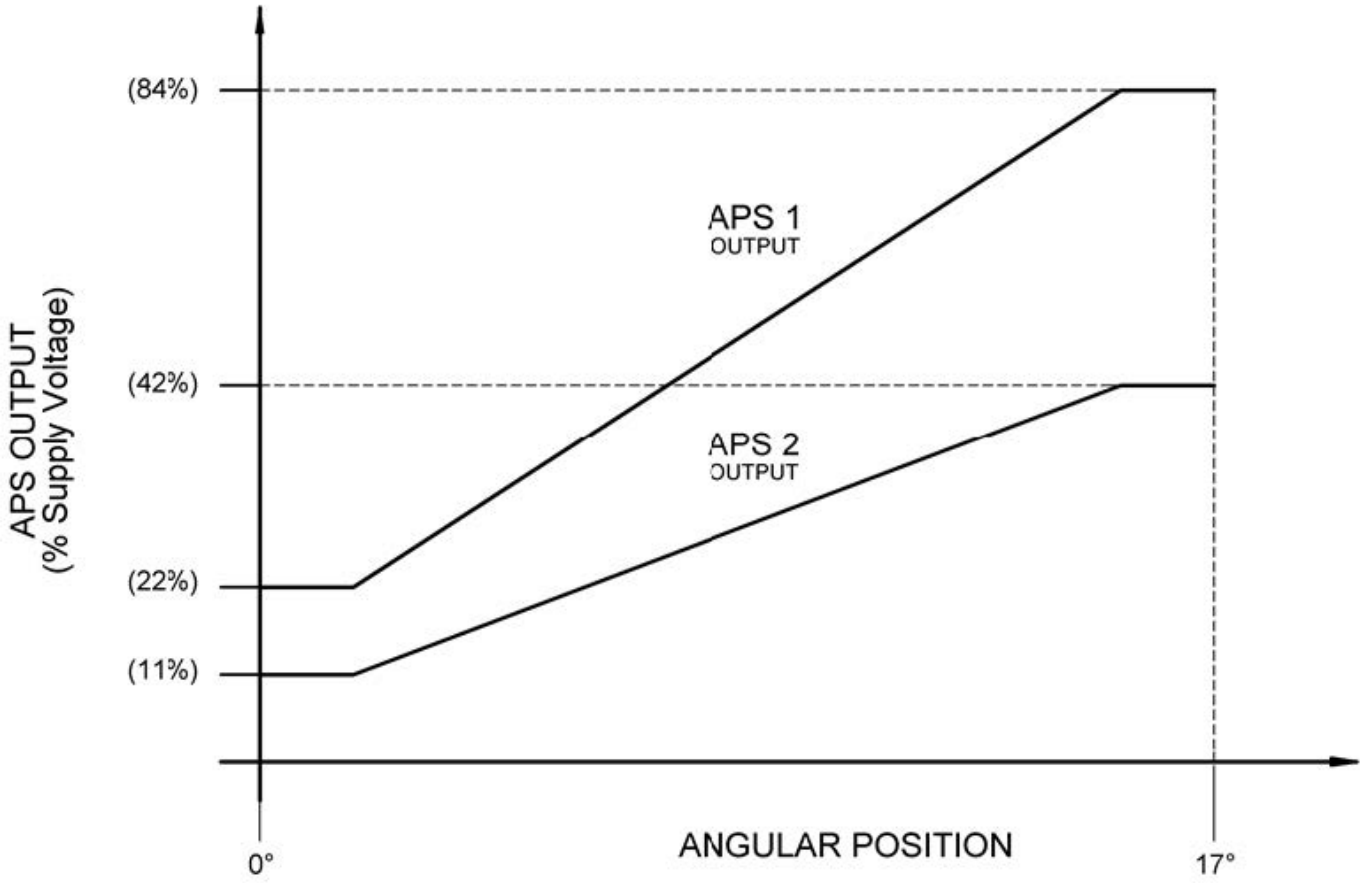


Figure 2: WM-526 Typical Output Characteristics

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