CURTISS-WRIGHT



# WM-558

## Electronic Floor Pedal

### Key Features

- Designed for all commercial vehicle 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 IP68 and 69k sealed and highly EMI resistant (SAE J1113). In addition, the unit can be customized with contact or PWM output sensors.**

The Electronic Floor Pedal WM-558 is available with a standard treadle angle of 35 or 45 degrees. The Throttle Control is made out of high strength engineered plastics. The base plate has five mounting holes for various mounting options.

## Specifications

| | | |
|---|---|---|
| **Product Life** | Full Travel Cycles | 3,000,000 |
| **Electronics** | Seal Integrity | Electronics IP68 and 69k sealed (IEC 60529) |
| | EMI | SAE J1113 Compliant |
| **Electrical** | | Dual APS, Dual PWM, APS, PWM, APS/IVS |
| | Output Signal | PWM |
| **Pedal Angle** | Degrees | 35° or 45° |
| **Mechanical** | Operating force (at 150mm from pivot point) | Idle = 17N, Full Travel = 45N |
| | Static Load | 1500N@ 150mm |
| | Vibration | Random broadband up to 4g (3-axis, 3 hr. each axis,) |
| **Environmental** | Operating Temp Range | -40°C to 85°C |
| | Storage Temp Range | -40°C to 105°C |
| | Humidity | 95% RH for 120 hours, 27°C to 75°C |
| | Sand/Dust | Tested to SAE J1455 |
| **Materials** | Base plate | Diecast Aluminum or Composite Plastic |
| | Foot treadle | Composite Plastic |

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# Dimensions (mm)

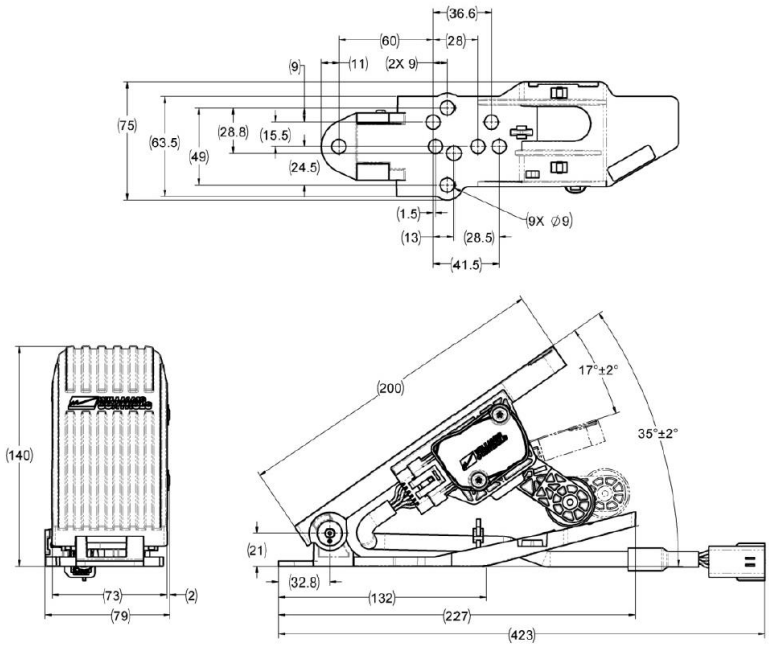



Figure 1: WM-558 Dimensions

# Typical Output Characteristics

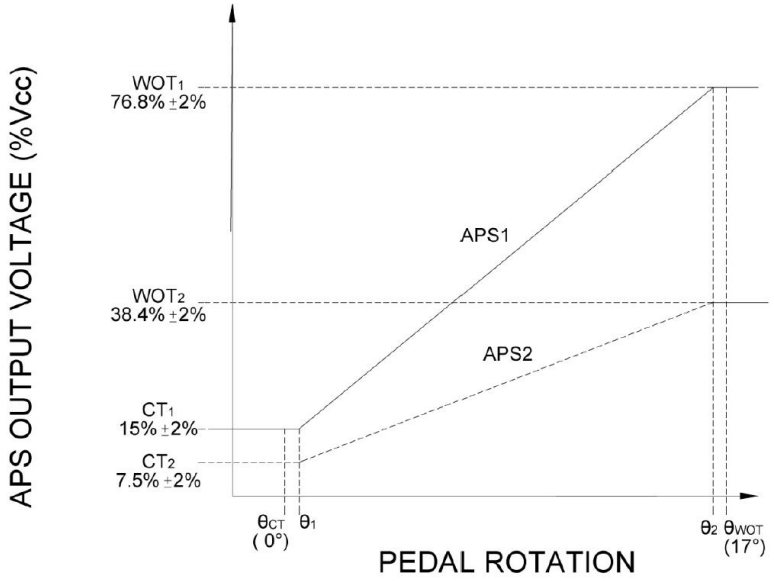



Figure 2: WM-558 Typical Output Characteristics

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