

Electronic Foot Pedals for Heavy-Duty Diesel Engines

Product Benefits

- Easy installation
- Flexible mounting and positioning
- Robust, durable design
- Smooth driver operation
- Long-lasting programmable Hall effect sensor
- Adaptable to a wide range of electronic throttle applications



Specifications

Global 1 Suspended

Floor Mounted

Functional

Actuation Force applied perpendicular to the pedal pad surface and at a point 5.6 in (142 mm) from the centerline of the pivot axis.

Initial Movement > 2 lbs (9 N)

Full Throttle < 8 lbs (35 N)

Rotational Angle 16-20°

Weight of Pedal 0.7 lbs (.32 Kg)

Validation

Full Strokes Cycles - 10 million

Full Environmentally Tested

EMC Tested to 150v/m

100% End-of-the-Line Testing on all assemblies

Electrical Specifications

Programmable Hall Effect Sensor

Dual Analog or PWM

Functional

Actuation Force applied perpendicular to the treadle surface and at a point 7.4 in (160 mm) from the centerline of the pivot axis.

Initial Movement > 2 lbs. (9 N)

Full Throttle < 11.5 lbs (51 N)

Rotational Angle 16-20°

Weight of Pedal 1.0 lbs (.46 Kg)

Validation

Full Strokes Cycles - 10 million

Full Environmentally Tested

EMC Tested to 150v/m

100% End-of-the-Line Testing on all assemblies

Electrical Specifications

Programmable Hall Effect Sensor

Dual Analog or PWM

