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

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

Floor Mounted

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

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Global 1 Suspended

Floor Mounted

Contact us about your application.
www.orschelnproducts.com