Foot Pedals

Model FP
Foot Pedals
Model FP

Curtis Model FP foot pedals are designed and manufactured to achieve unprecedented reliability in off-highway vehicles. Curtis foot pedals provide a wide variety of mechanical solutions and easy integration with Curtis motor controllers.

See a 360° view of the FP Model at: 
curtisinstruments.com/360view

FEATURES

▶ Modular design combines standard sensors with flexible mechanical designs to provide solutions for every application.
▶ Wide temperature range and throttle sensor protection of IP69K allows reliable use of electronic control in harsh industrial vehicle applications.
▶ Multiple pedal angles and mounting configurations (floor, suspended, flush) allow use in wide range of vehicle cab styles and sizes.
▶ 0–5 Volt operation allows easy integration with existing Curtis and other vehicle controllers.
▶ Integrated AMP connector eases installation, eliminates historical wiring problems and lowers production costs.
▶ 72/245/EEC compliance for EMI allows safe and reliable use in applications with severe electrical noise.
▶ Switched (IVS - Idle Validation Switch) output ensure safe vehicle and throttle operation.
▶ Compliance to Federal Motor Vehicle Safety Standard (FMVSS) 124 (return-to-idle) and 302 (flammability) ensure compliance to on-road safety standards.
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DIMENSIONS mm

Model FP-FCV-0021

- Dimensions:
  - Width: 197 mm
  - Depth: 132 mm
  - Height: 97 mm

- Angles:
  - 30°
  - 22°
  - 30°
Foot Pedals
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DIMENSIONS mm
Models FP-SCV-0022 and FP-SCV-0024
Foot Pedals
Model FP

DIMENSIONS mm
Model FP-FCV-0023

Dimensions:
- 212 mm
- 74 mm
- 73.5 mm
- 144 mm
- 105 mm
- 220 mm
- 33°
- 17°
Foot Pedals
Model FP

DIMENSIONS mm
Model FP-FMV-0025
Foot Pedals
Model FP

SPECIFICATIONS

Regulatory:

<table>
<thead>
<tr>
<th>Certification</th>
<th>FMVSS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Return-to-Idle</td>
<td>124</td>
</tr>
<tr>
<td>Flammability</td>
<td>302</td>
</tr>
</tbody>
</table>

Environmental:

<table>
<thead>
<tr>
<th>Temperature Description</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>−40°C to +80°C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>−40°C to +95°C</td>
</tr>
</tbody>
</table>

SENSOR OUTPUT SIGNAL

![Graph showing sensor output signal]

* KD Feel applicable to Model FP-FCV-0024 only.

CONNECTIONS

<table>
<thead>
<tr>
<th>Pin</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Analog Supply +5V</td>
</tr>
<tr>
<td>2</td>
<td>Analog Ground 0V</td>
</tr>
<tr>
<td>4</td>
<td>Analog Signal 0.5–4.5V</td>
</tr>
<tr>
<td>6</td>
<td>IVS Supply +5V</td>
</tr>
<tr>
<td>5</td>
<td>IVS Ground 0V</td>
</tr>
<tr>
<td>3</td>
<td>IVS Signal 0.75V (5–0V)</td>
</tr>
</tbody>
</table>

WARRANTY

Two year limited warranty from time of delivery.