



CURTIS

Accessories



# Foot Pedals

## Model FP



# Foot Pedals

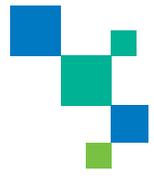
## Model FP

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](http://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.



FP-SCV-0022



FP-FCV-0021



FP-FCV-0023

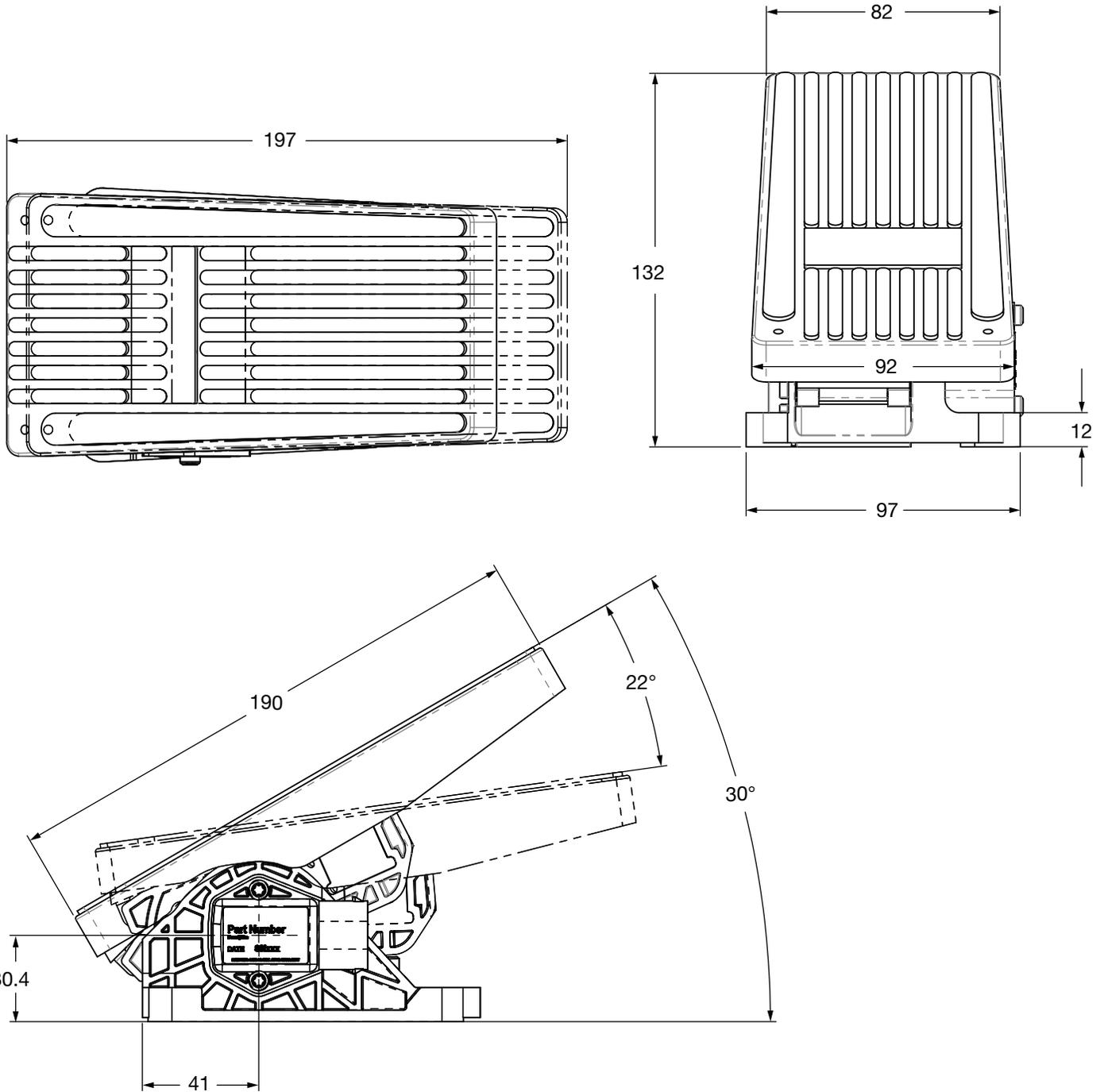
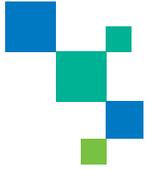
FP-FCV-0024 and -0025 not pictured

# Foot Pedals

Model FP

## DIMENSIONS mm

Model FP-FCV-0021

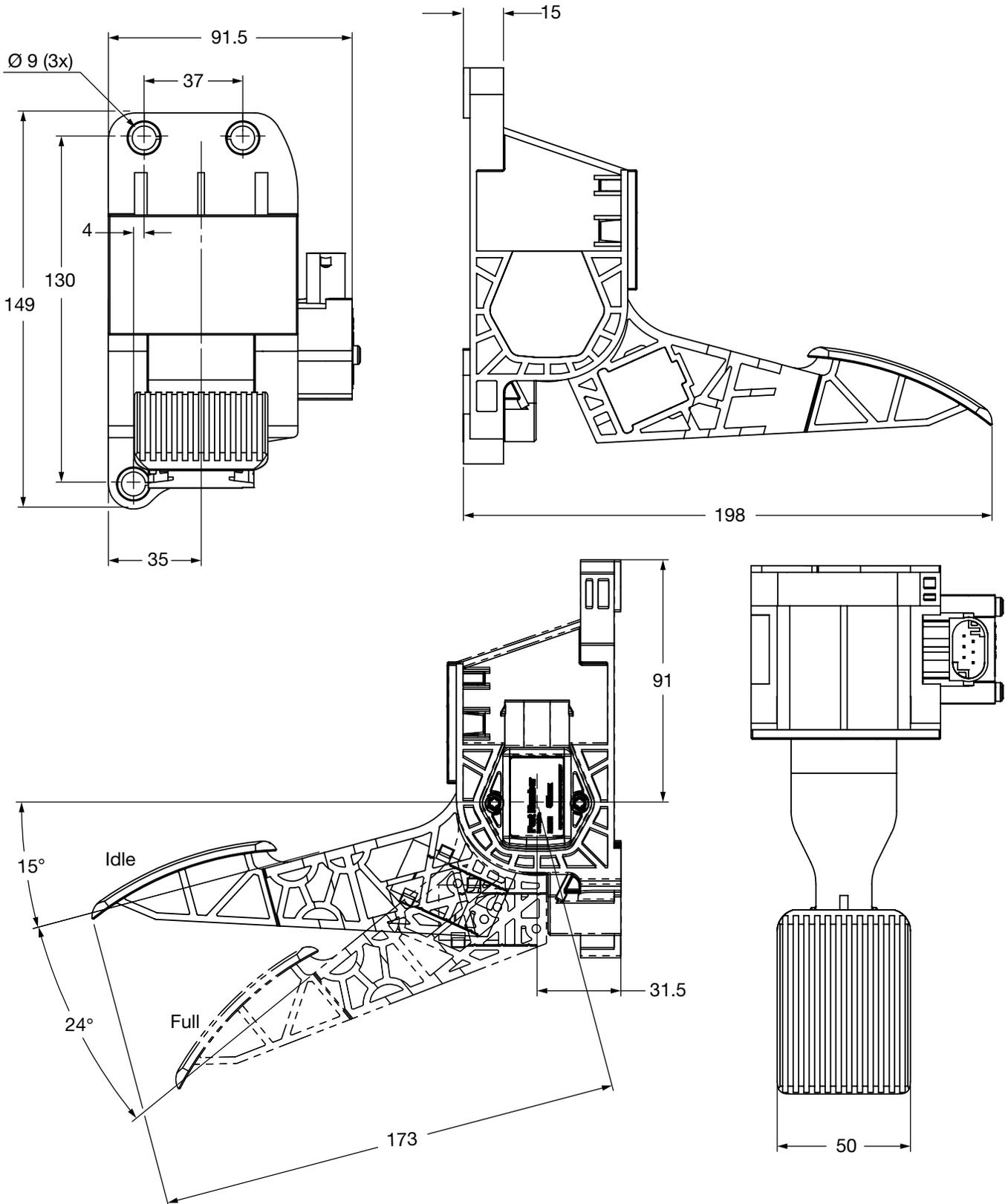
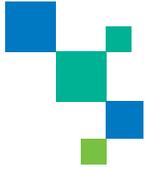


# Foot Pedals

Model FP

## DIMENSIONS mm

Models FP-SCV-0022 and FP-SCV-0024

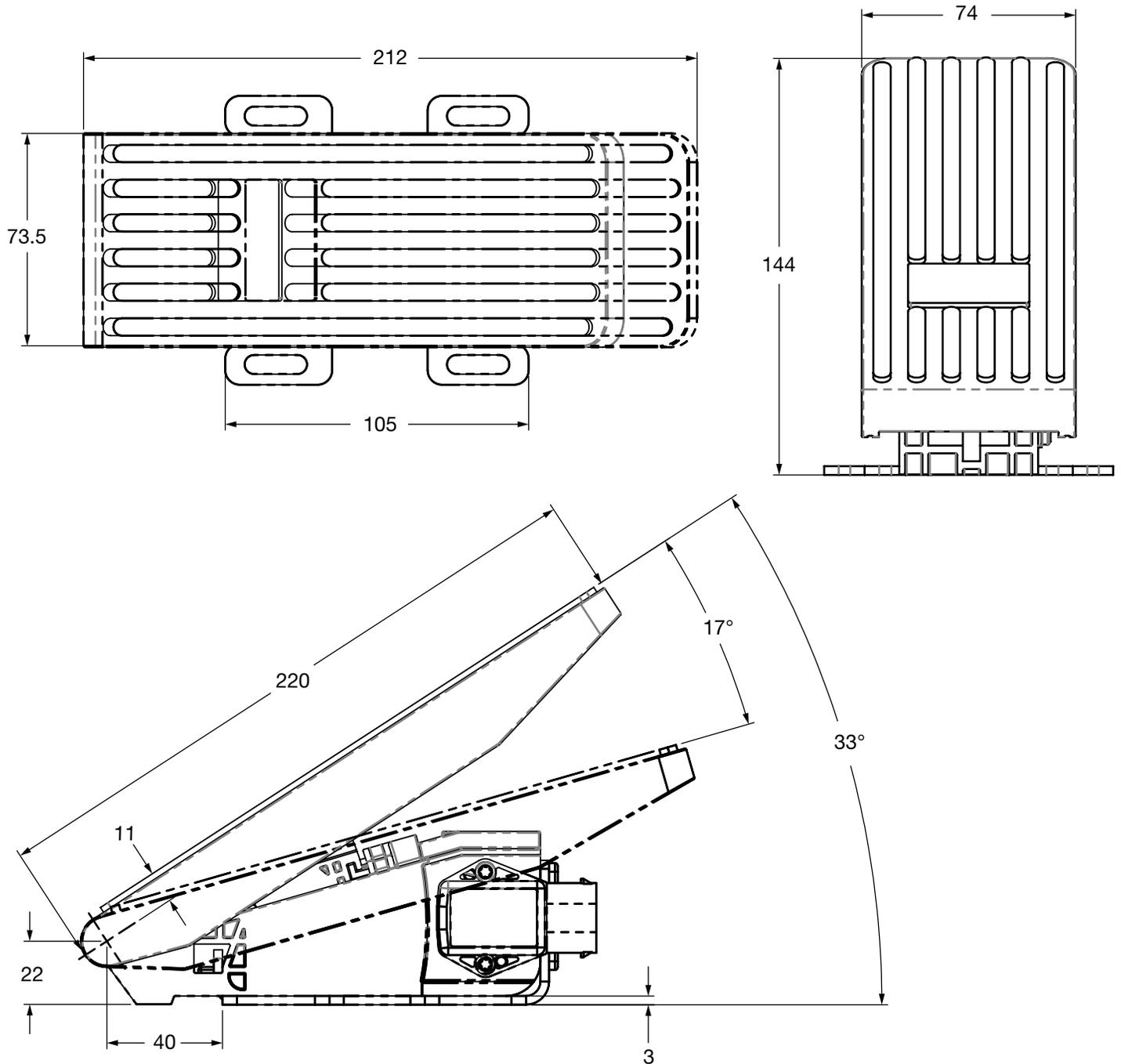
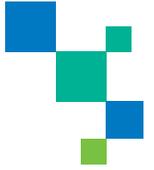


# Foot Pedals

Model FP

## DIMENSIONS mm

Model FP-FCV-0023

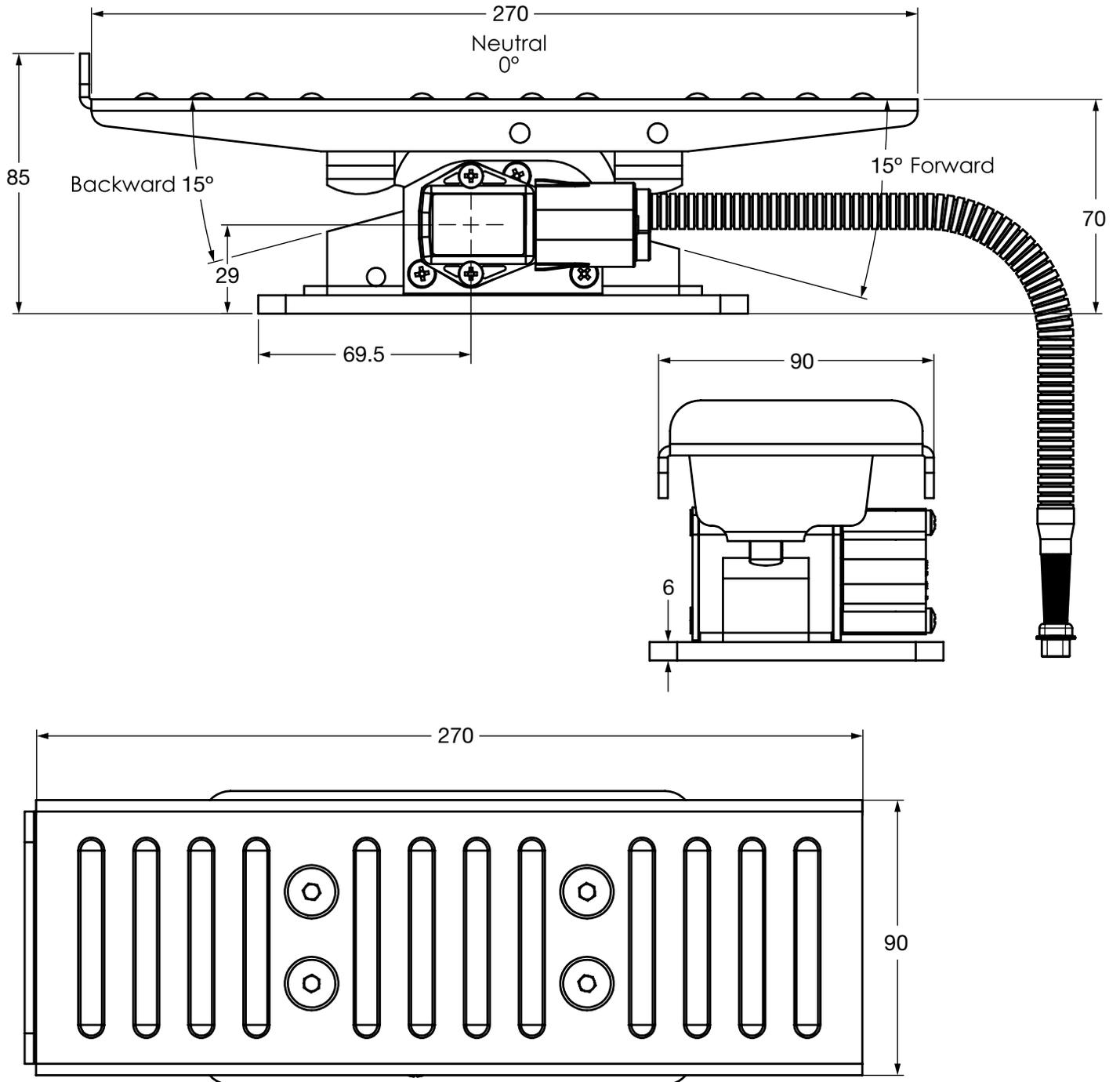
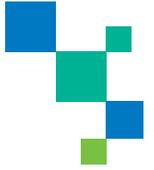


# Foot Pedals

Model FP

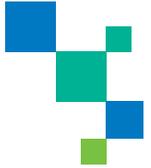
## DIMENSIONS mm

Model FP-FMV-0025



# Foot Pedals

Model FP



## SPECIFICATIONS

### Regulatory:

Return-to-Idle Certification FMVSS-124

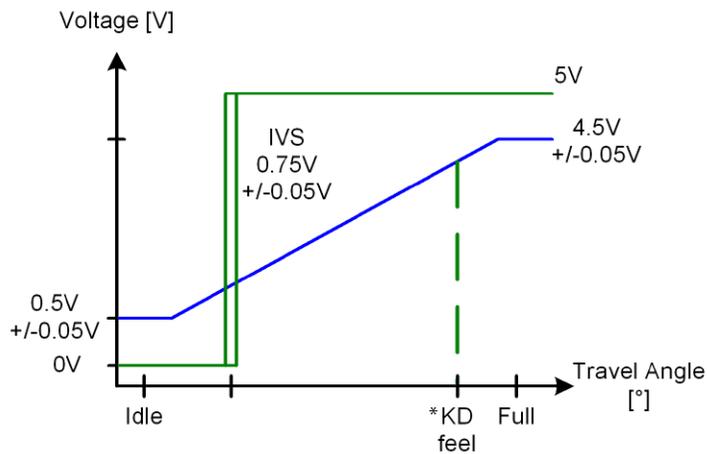
Flammability FMVSS-302

### Environmental:

Operating Temperature Range  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$

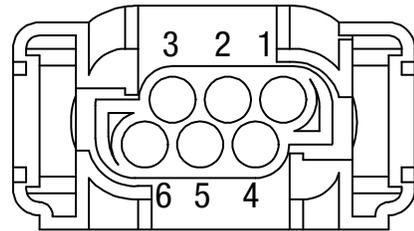
Storage Temperature Range  $-40^{\circ}\text{C}$  to  $+95^{\circ}\text{C}$

## SENSOR OUTPUT SIGNAL



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

## CONNECTIONS



	Pin	Function
Signal 1	1	Analog Supply +5V
	2	Analog Ground 0V
	4	Analog Signal 0.5–4.5V
Signal 2	6	IVS Supply +5V
	5	IVS Ground 0V
	3	IVS Signal 0.75V (5–0V)

**WARRANTY** Two year limited warranty from time of delivery.

The Curtis Difference   
You feel it when you drive it