

Clutch demand paddle Model ZB015-2

Introduction:

The Shiftec clutch demand paddle uses state of the art proportional sensor technology to provide a fully linear output signal across the full range of travel.

This output of 0-5V over a range of movement of 20mm is used in conjunction with the Shiftec Clutch Control Unit to allow the driver to provide a demand signal. It is also suitable for any application requiring a variable control signal.

The rugged paddle frame and lever are CNC machined from a high quality aluminium billet and decoratively anodised for added protection under adverse conditions.

Its positive action means accurate driver feel and feedback. Carefully selected springs return the paddle to a positive end stop. This allows consistent bite point control and feel.

Paddles can be used either singly or as a pair to allow for start line bite point strategies.

The paddles are used successfully in high profile single seater and GT race series around the world.



Summary:

Linear output across movement range

Sprung return to rest position

Positive feel

High repeatability and durability

Carbon fibre pad

IP67 weather proof

Easy mounting with two M3 tapped holes

System requirements:

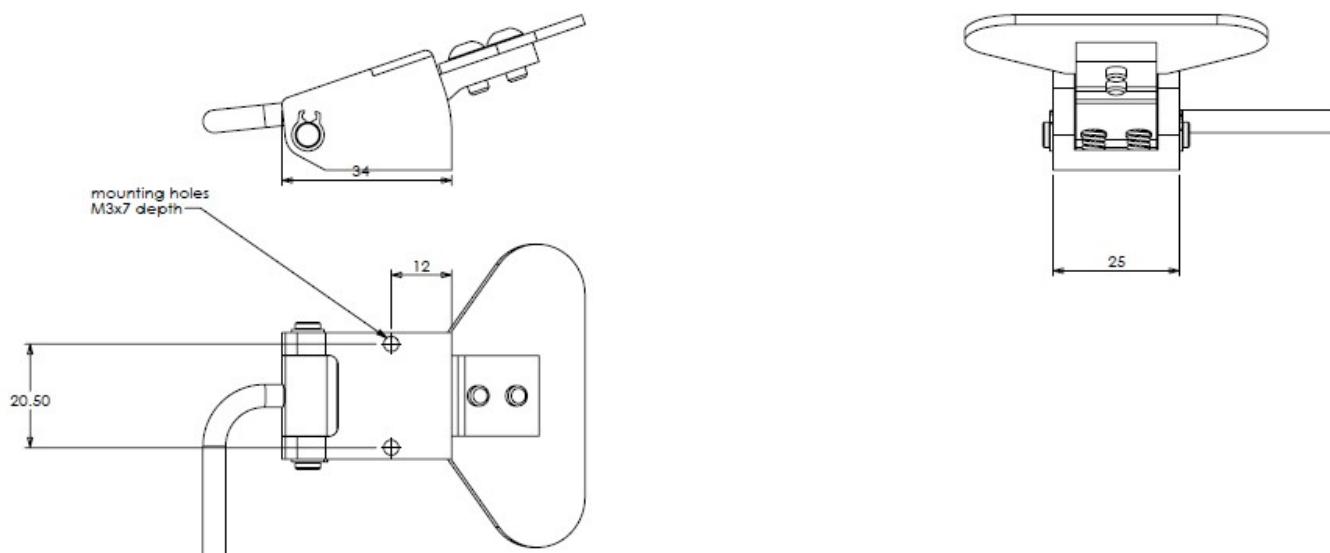
Electrical supply to paddle	.....	5 V
Recommended working temperature	.....	-10 to +85 °C
Environmental protection	.....	IP67

Technical data:

Paddle movement	.....	20 mm
Output range	.....	0-5 V
Max current	.....	20 mA
Wiring connector fitted	.....	None – flying lead 150mm
Wiring details	.....	See appendix 1

Dimensions:

Length	.....	81 mm
Width	.....	29 mm
Height	.....	37 mm
Weight	.....	47 g


Ordering information:

Description	Part number
Clutch demand paddle single, flying lead	ZB015-2

Appendix 1
Wiring details

Wire	Name	Comment
Red	+5V	24awg
Black	GND	24awg
Orange	Signal	24awg