

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:

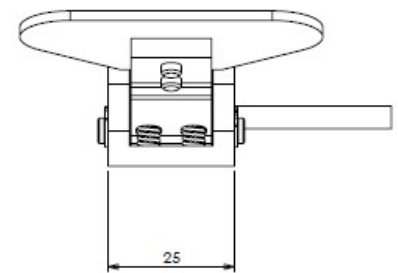
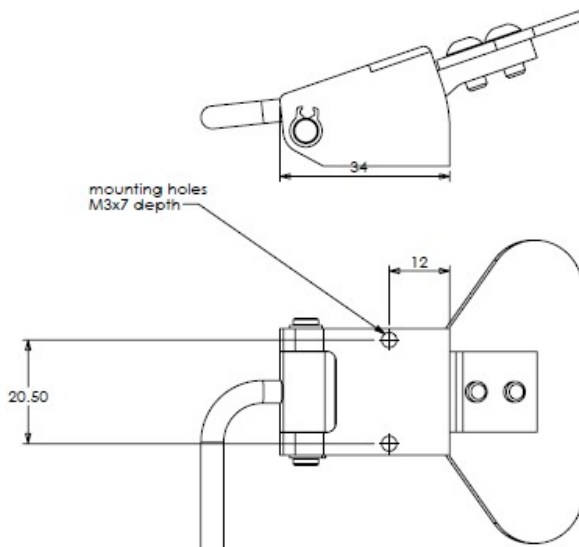
Electrical supply to paddle	.....	5 V
Recommended working temperature	.....	-10 to +85 °C
Environmental protection	.....	IP67

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