

# 7165L | JOYSTICK



## *Putting You In Control.*

The Kobelt 7165L joystick is a single axis input device that can be configured for discrete or analog output. This allows for simple use as a jog unit, capable of control in two directions, or as an infinitely variable positioning device. Its small size allows for installation in tight areas where space constraints are paramount.

Manufactured from die cast bronze and stainless steel, the 7165L is designed for indoor and outdoor installation. The joystick is protected with a UV and water-resistant rubber boot that prevents ingress into the electronic components.

## Key Features

- Bronze and stainless steel construction
- Durable rubber boot seal on joystick handle
- Configurable controller outputs and handle behavior

## Specifications

### CONNECTION

-E  
(Blank) 3 Position Terminal Block, #5 Stud  
3C 18AWG [0.75 mm<sup>2</sup>] x 2m Flylead

### OUTPUT

- Potentiometer:
- Range:
- Max Power:

### Potentiometer

1kΩ or 5kΩ  
18% - 82%  
1W

### OUTPUT

- Switch Contacts:
- Maximum Voltage:

### Discrete

Form C, Normally Open  
One per direction  
250 VAC / 24 VDC

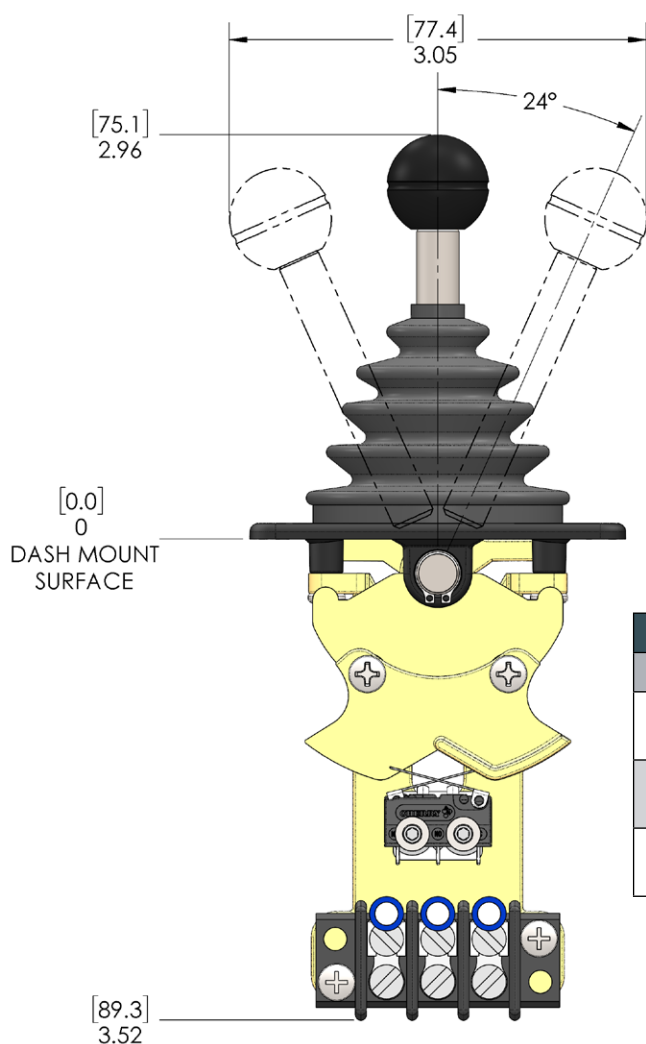
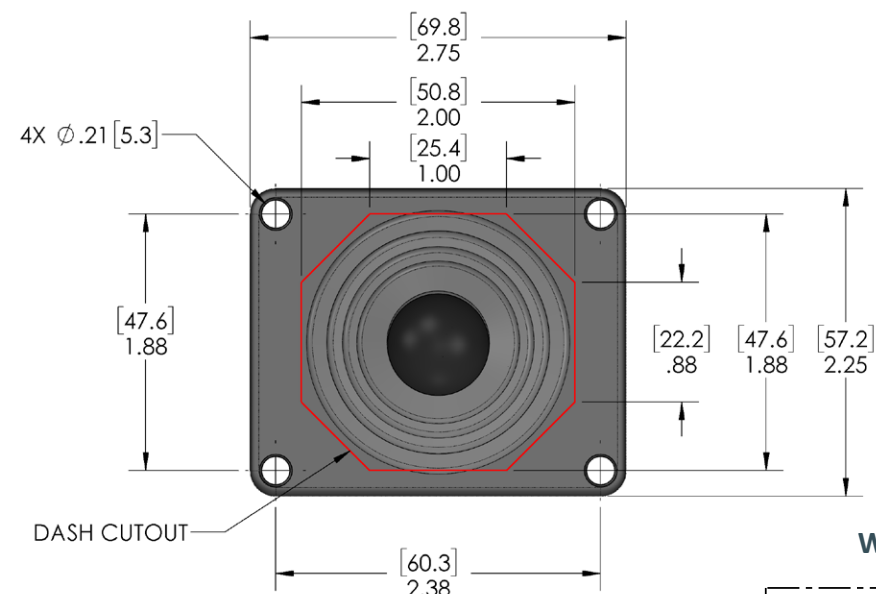
- Maximum Current<sup>1</sup>: 12 VDC: 6A / 24 VDC: 5A / 250 VAC: 6A
- Handle travel: 24° (per direction)
- Return spring operating force: 1 lb-f [4.5N]
- Finish: Polyester powder coat, textured black
- Operating Temperature: -13°F ... 158°F [-25°C ... 70°C]
- Weight: 1.0 lbs [0.45kg]

## NOTES

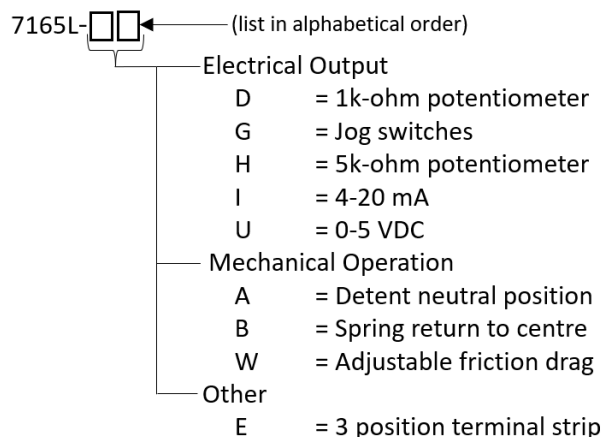
1) Maximum current is for an inductive load. Current is per switch contact

# SPECIFICATIONS

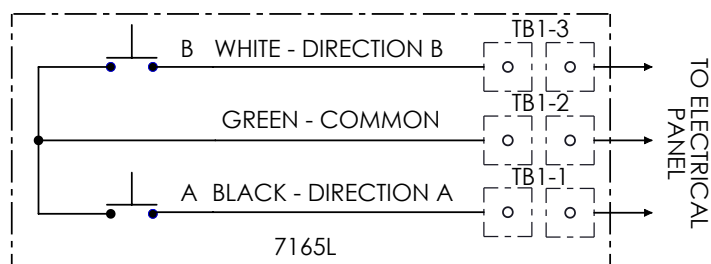
## GENERAL ARRANGEMENT



## MODEL CODE KEY



## WIRING DIAGRAM 7165-G<sup>1</sup> / 7165-EG



### Notes:

1. 7165L-G is flyleads only, no terminal block.

## POTENTIOMETER PIN OUT

7165L-D/7165L-H				
Terminal #	Wire Name	Colour	Gauge	Function
1	POT+	White	18AWG	Potentiometer reference voltage
2	POT WIPER	Red	18AWG	Potentiometer signal connection
3	POT-	Black	18AWG	Potentiometer ground reference