

# M4 B/B MINI JOYSTICK

The M4 B/B is a compact finger operated joystick designed specifically for bang / bang (on / off) operation. Available in single or dual axis control, the M4 B/B features a glass-filled Zytel housing and non-ferrous components making it suitable for corrosive and hostile environments.



# **SPECIFICATIONS**

### **GENERAL DATA**

# of Axis	Single or Dual
Output Options	Microswitches
Joystick Action	Spring Return
Handle Travel	+/- 15 degrees each axis
Gate	Open or Cross
Handle Compatibility	Tapered, 2 piece, push button, or mechanical interlock
Life	20 million cycles
Materials	High strength, glass filled nylon housing.
Est. Shipping Weight	2 lbs.
Est. Shipping Dimensions	8 x 6 x 6 in.

### **MOUNTING DATA**

Mounting Style	Panel (from below)
Mounting Footprint	1.9" x 1.9" See literature for additional mounting specifications

### **ENVIRONMENTAL DATA**

IP Rating	IP54
Operating Temperature	-13 to +158 degrees F [-25 to +70 degrees C]
Storage Temperature	-40 to +158 degrees F [-40 to +70 degrees C]

### **ELECTRICAL DATA**

Switch Type:
SPDT (Form C) V Series Microswitches

Max. Number:
Up to 2 per axis

Current Rating (AC):
11A

Voltage Rating (AC):
250

Contact Specifications

Current Rating (DC):
6A

Voltage Rating (DC):
12 - 24

Additional Specifications Reference product literature for additional specifications

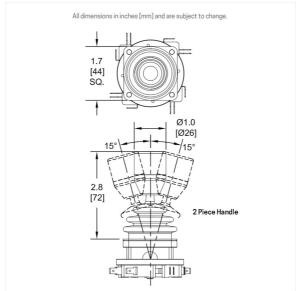
.187" x .20" male quick connect

Termination:

Max. Wire Size: 18 AWG

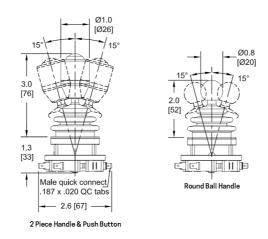
### **Technical Drawings**

#### **Dimensional**

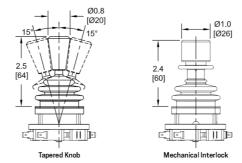


M4 dimensions. Shown with 2 piece handle.

All dimensions in inches [mm] and are subject to change.



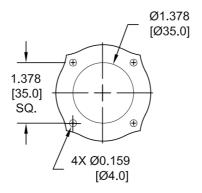
Push Button handle and round ball handle dimensions



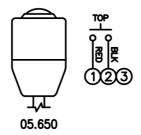
Tapered knob and mechanical interlock handle dimensions

### Mounting

All dimensions in inches [mm] and are subject to change.



Panel mounting details (mounts from below)



Push button wiring details