



APEM Data Sheet- Microswitch Joystick – Stock No. 989-5736 APEM 1000 Series Part Number 100114



The Farnell switch joystick is the ideal choice for single step switching applications, where a compact robust joystick is required, that is capable of switching up to 15A.

Supplied with a comfortable knob the joystick is designed for sub panel mounting via the use of the 4 x M2.5 screws supplied.

The operating mode of the joystick is defined by the use of the supplied limiter plates. Selection of the required limiter will enable single axis, dual axes, cross or diagonal operation.

The joystick is supplied with industry standard V3 microswitches, configured with changeover contacts carrying a nominal load 15A/250V AC rating.

#### MECHANICAL

|                  |   |                              |
|------------------|---|------------------------------|
| Mechanical Life  | – | >5 Million Operations        |
| Lever Travel     | – | 24° (12° from center)        |
| Lever Material   | – | Stainless Steel or Brass     |
| Mass/weight      | – | 40g                          |
| Body Material    | – | Mineral Filled Nylon-6       |
| Handle Material  | – | Nylon                        |
| Boot Material    | – | Neoprene                     |
| Mounting - Screw | – | 4 x M2.5 Stainless (Slotted) |
| Mounting - Bush  | – | Single Point 22mm Diameter   |

#### ELECTRICAL

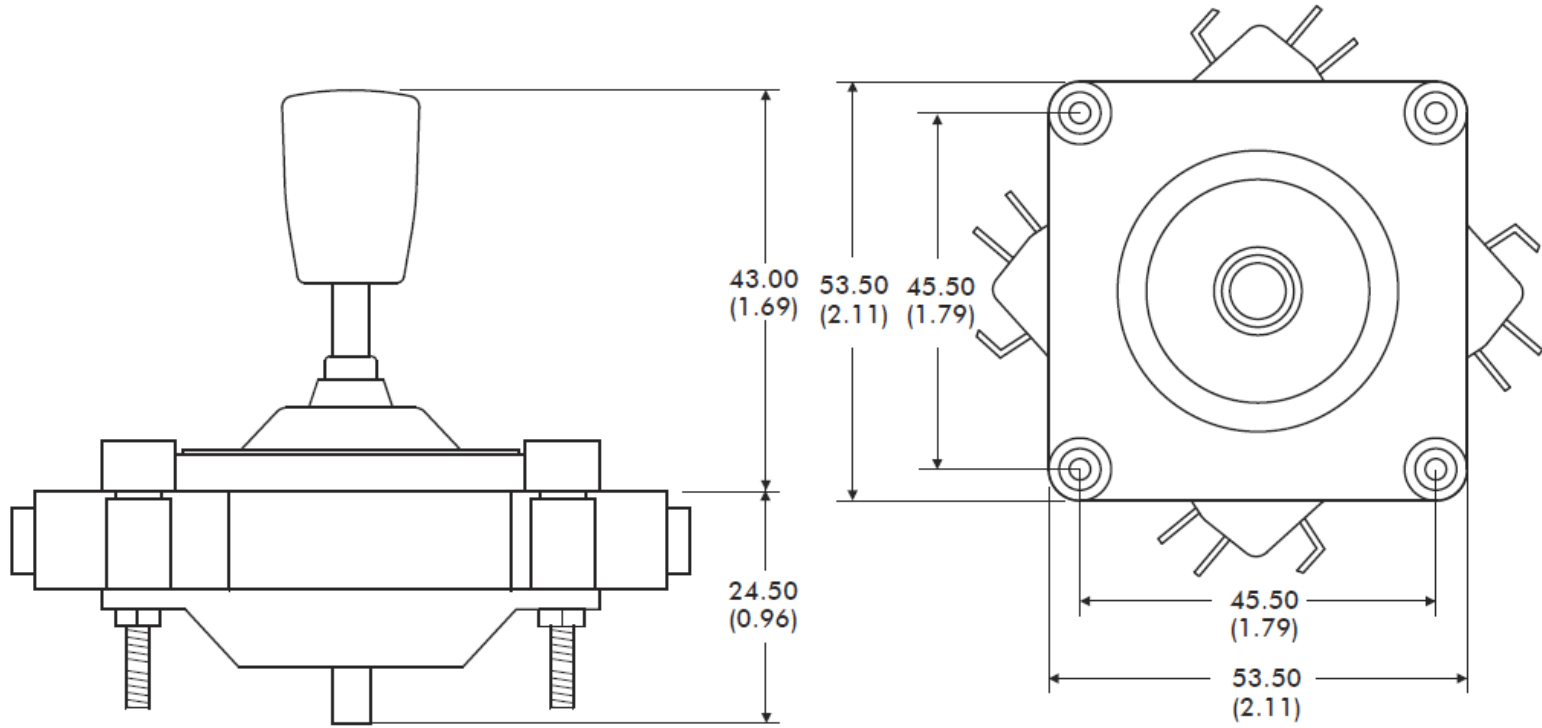
|                    |   |                |
|--------------------|---|----------------|
| Number of Switches | – | 4              |
| Nominal Current    | – | 15A            |
| Maximum Voltage    | – | 250V AC        |
| Contacts 15A       | – | Silver         |
| Switch Contacts    | – | Changeover     |
| Contact Life       | – | Load Dependent |

#### ENVIRONMENTAL

|                       |   |               |
|-----------------------|---|---------------|
| Temperature Range     | – | -20°C to 50°C |
| Above Panel Seal (IP) | – | IP67          |

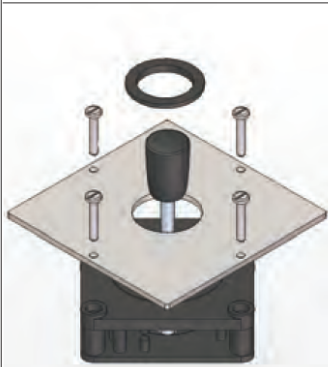
#### NOTES

- All values are nominal



## MOUNTING CUTOUT DIMENSIONS AND INSTALLATION

### V3 SCREW MOUNT



#### NOTE:

The joystick is mounted from beneath the panel using the 4 x M2.5 machine screws, supplied with the joystick. Supplied as standard with the joystick is a round bezel which may be fitted (according to customer preference) to finish the front face of the panel. Fitting the bezel is optional, and is not necessary if the panel cut-out finishes the panel. If fitting the bezel is selected then the panel cut out should be toleranced such that the bezel is an interference fit. Additionally bonding the bezel is recommended.

