

# M725/0002 RUGGED DUTY PANEL MOUNT TRACKBALL

## PRODUCT BULLETIN



### Features:

- **NEW** Optical tracking with solid state sensing
- Panel mount trackball can be connected to a host computer or a host keyboard
- EMI/RFI shielded
- Trackball assembly is waterproof
- Drain pipe to allow discharge water or condensation to be collected (optional)
- 3 Button trackball layout (3 button mouse)
- Plug-and-Play device, USB and PS/2 compatible
- LED backlighted keys (optional)
- Custom laser engraved legends available
- Ergonomic, rugged and durable design
- Charcoal black with gray keycaps
- MIL-C-38999 connector – see below (other connectors are available)

### Specifications:

#### Mechanical

- Weight: 1 Kg (2.2 lbs)
- Trackball diameter: 2"
- Trackball mechanical life: 1,000,000 ball revolutions
- Pushbutton mechanical life: 1,000,000 cycles of operation at 25° C
- Normal Key Travel: 1.25 mm (.050 in.)
- Nominal Actuation Force: 20 grams (4.23 ounces)
- Trackball Force: 30-80 grams (1.06-2.81 ounces)

#### Electrical

- 1,000,000 actuations minimum at rated load
- USB compatible
- Power requirements: 4.4 VDC to 5.25 VDC @ 140 mA max.

#### Environmental

- Operating temperature: 0° C (32° F) to + 50° C (122 °F)
- Storage temperature: -40° C (-40° F) to 85° C (185 °F)
- Vibration: 2g, 10-500Hz
- Shock: 15g/11 ms
- Altitude: 15,000 ft. operational
- Humidity:
  - Operating: 93% RH @ 40° C, non-condensing (IEC 60068-2-78)
  - Storage: 10% - 95 % non-condensing (IEC 60068-2-78)



PIN NUMBER	DESCRIPTION
1	UNIVERSAL SERIAL BUS, USB +5 VDC
2	UNIVERSAL SERIAL BUS, USB GND
3	UNIVERSAL SERIAL BUS, D+
4	UNIVERSAL SERIAL BUS, D-

