

Programmable PC Keyboard (with Track Ball) Customised & Standard Computer Compatible Keyboards

DATA SHEET

Keetronics make keyboard encoder make it easy to connect any combination (up to 144 keys) of key matrix to any make of PC, it can be easily replaced with the standard travel type keyboard.

These keyboards are ideal for use, in limited data entry application, the sealed surface is resistant against liquid. Dust & many other material, used in the industrial. Any PC keyboard code can be assigned to a also you can have your own custom legend for user friendly application.

These keyboards are available in 4 standard key combinations with & without touch mouse feature.



Technical Specifications

Size:

- ◆ Key Board with Enclosure :460mm x 175mm
- ◆ Key Board without Enclosure :410mm x 135mm

Environmental Specs :

- ◆ Operating Voltage —————> 24 V DC max.
- ◆ Operating Current —————> 80 mA max. } For KBD without USB/PS2
- ◆ Contact Resistance —————> 2 Ohms
- ◆ Life Expectancy —————> 1 Million Operations
- ◆ Contact Bounce —————> 10 milli seconds.
- ◆ Activation Force —————> 280-350 Grams
- ◆ Operating Temp —————> °-18 C to +°70 C
- ◆ Humidity —————> 95% RH/40°C/48 Hrs.
- ◆ Vibration —————> 1 Hour freq. 10-150-10 Hz
- ◆ Dimensional Tolerance —————> +/-0.2 mm
- ◆ Warranty —————> One year from date of sale & against manufacturing defect only.

Features & Applications

Optional Features :

- ◆ EMI / RFI shielding with Aluminum foil / Conductive mesh.
- ◆ Degree of Protection
(Front Side) : IP 55, IP 65.
- ◆ Ultra Violet, hard coated window.
- ◆ Display only when lit, window.
- ◆ SMD Components, such as LED's, Resistors, Capacitors & Multipin Ic's.
- ◆ Relegendable pockets for inserting customised legends.
- ◆ Embossing, Round Triangular, Square shapes possible.
- ◆ Phosphorescent Lightening.

Excellent Features

- ◆ Best for Industrial & Medical Environments.
- ◆ Attractive designed enclosure.
- ◆ Protected against liquids & dust (IP 55, IP 65 front side)
- ◆ PS2/5 Pin DIN/RS232 Interface available.
- ◆ LEDs can be provided Power On/Num/Scroll/Caps Lock.
- ◆ Excellent tactile feedback, with metal domes.
- ◆ Audio feedback, for keys.(Feature at Extra Cost)
- ◆ Highly reliable software & hardware.

Applications :

- ◆ Factory Automation
- ◆ Note Book PC
- ◆ Toll Collection Centers
- ◆ Portable Devices
- ◆ Point of Sale Terminal (POS)

Mechanical Drawing

