

# PM-5K-IS

## Panel Mount Intrinsicly Safe Keyboard

iKey manufactures devices to reduce risk of failure in your hazardous areas. The intrinsically safe PM-5K-IS keyboard features an integrated HulaPoint™ pointing device and comes enclosed in non-corrosive stainless steel with optical isolated barriers and bulkhead cables for complete protection. It has a Factory Mutual approval for Class I, II and III, Division I, Groups C, D, E, F and G.



## Technical Specifications

### Certifications

NEMA 4X; UL60950, FCC Part 15 Class B  
Factory Mutual Class I, II, & III, Division I, Groups C, D, E, F & G

### Key Switch

MATERIAL: Industrial silicone rubber  
LIFE: Greater Than 10 million Cycles  
TRAVEL: 0.055 in.  
ACTUATION FORCE: 200g (+/- 30g)  
FEEDBACK: Tactile with Mechanical Snap

### Power

Reference Drawing Number IS-97107 for  
Power Requirements; Installation should be in  
accordance w/ NEC, Article 504, ANSI, NFPA 70

### Temperature Range

STORAGE: -40C to +70C  
OPERATING: -20C to +60C

### Humidity

100% (when properly installed)

### Shock

3x11 ms pulses of 50g on each of 3 axes

### Vibration

POWER SPECTRAL DENSITY: 0.04g/Hz  
FREQUENCY RANGE: 20Hz - 2 kHz  
DURATION OF TEST PER AXIS: 3 hours

### Weight

6.75 lbs (3.06 kg)

### Dimensions

17.70" x 9.20" x 1.58" (w-h-d)  
449.6mm x 233.7mm x 40.1mm

### Cable

LENGTH: 5 feet from keyboard to Bulkhead  
Connector  
DESIGN: 2 cables (providing separate keyboard  
and mouse connections)

### Compatibility

PS/2 KEYBOARD/HULAPOINT: All Windows  
Operating Systems

### Warranty

1 year limited warranty

### Model Numbers

PM-5K-IS

## Features and Benefits

- 17.70" x 9.20" x 1.58" (w-h-d)
- 10-Key Numeric Pad
- Integrated HulaPoint™ Pointing Device
- PS/2 configurations available
- Intrinsically Safe for Hazardous Environments
- Stainless Steel Bezel