

# PM-1000-NI

## Nonincendive Stainless Steel Panel Mount Keyboard

iKey offers a full line of nonincendive keyboards and pointing devices. The nonincendive PM-1000-NI is framed in stainless steel to ensure optimal durability and waterproof functionality. It is designed to meet NEMA 4X specifications, which enables it to survive in the roughest of conditions. The PM-1000-NI has a Factory Mutual approval of Class I, Division II. These units do not require barriers and are ideal for harsh working conditions. All units ship with bulkhead cables.



### Technical Specifications

Certifications	NEMA 4X UL60950, FCC Part 15 Class B Factory Mutual Class I, Division II
Shock	3x11 ms pulses of 50g on each of 3 axes
Cable	LENGTH: 5 feet from keyboard to Bulkhead Connector DESIGN: 2 separate cables on PS/2 or single-cable USB
Key Switch	MATERIAL: Industrial silicone rubber LIFE: 10 million cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 7.03 oz. +/- 1.06 oz. (200g +/- 30g) FEEDBACK: Tactile with mechanical snap
Vibration	POWER SPECTRAL DENSITY: 0.04g/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hours
Flammability	PRINTED CIRCUIT BOARD: 94 VO SILICONE OVERLAY: 94 HB INTERFACE CABLE: 94 VO
Compatibility	PS/2 KEYBOARD: All Windows Operating Systems USB KEYBOARD: All Windows and Macintosh OS
Temperature Range	STORAGE: -40C to +90C (-40F to +194F) OPERATING: -40C to +70C (-40F to +158F)
Weight	5 lbs +/- 0.10 lbs (2.54 kg +/- 0.05kg)
Warranty	1 year limited warranty
Humidity	100% (when properly installed)
Dimensions	17.70" x 9.20" x 1.58" (w-h-d) 449.6mm x 233.7 mm x 40.1mm
Model Numbers	

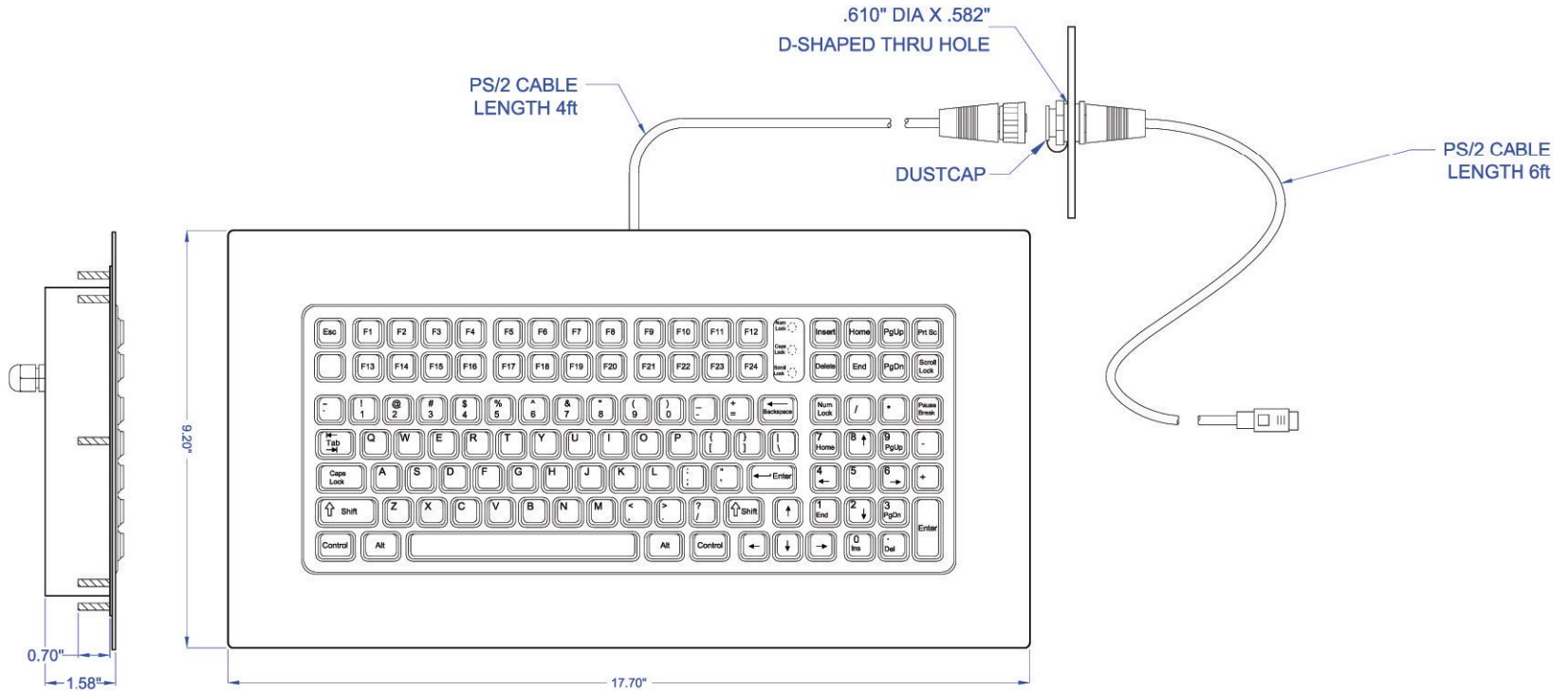
### Features and Benefits

- 10-Key Numeric Pad
- 114-Key Functionality
- 24 Function Keys
- PS/2 or USB configurations available

PM-1000-NI

Hazardous (Classified) Location

Non Hazardous (Unclassified) Location



**KEYBOARD SPECIFICATIONS:**

**KEY SWITCH**

MATERIAL: Industrial Silicone Rubber  
 LIFE: Greater Than 10 Million Cycles  
 TRAVEL: 0.055 in.  
 ACTUATION FORCE: 7.03 oz. +/- 1.06oz (200g +/- 30g)  
 FEEDBACK: Tactile with Mechanical Snap

**POWER**

Reference Drawing Number NI-94002 for Power Requirements

**TEMPERATURE RANGE**

STORAGE: -40°F to +194°F (-40°C to +90°C)  
 OPERATING: -40°F to +158°F (-40°C to +70°C)

**HUMIDITY**

100% Humidity Resistant

**VIBRATION**

POWER SPECTRAL DENSITY: .04g<sup>2</sup>/HZ  
 FREQUENCY RANGE: 20Hz-2Khz  
 DURATION OF TEST PER AXIS: 3 hours

**SHOCK**

3 X 11 ms pulses of 50g on each of 3 axis

**WEIGHT**

5.0 lbs +/- 0.10 lbs (2.54 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

NOT TO SCALE

Part Number: PM-1000-NI	Drawing Number: MKT0302	Sheet: 1 OF 1
Drawing Title: PM-1000-NI-MKT	Revision: 1.0	Date: 12.20.11   JMW



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