



## PM-1000-IS

### Main Features

- Intrinsically Safe
- 114-Key Functionality
- 24 Function Keys + 10-Key Numeric Pad
- PS2 Configurations Available
- Various Keyboard and Language Layout Options

### Typical Applications

- Commercial
- Industrial
- OEM
- Oil and Gas
- System Integrators



## Product Description

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iKey manufactures devices to reduce risk of failure in your hazardous areas.

The intrinsically safe PM-1000-IS 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-IS has a Factory Mutual approval for Class I, II and III, Division I, Groups C, D, E, F and G. The unit includes optical isolated barriers and bulkhead cables for complete protection in hazardous locations.



## Technical Specifications

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|-------------------------------|---|
| <b>SKU</b>                    | PM-1000-IS  |
| <b>Manufacturer</b>           | iKey  |
| <b>Country of Manufacture</b> | United States   |
| <b>IP Rating</b>              | No  |
| <b>Number Of Keys</b>         | 114   |
| <b>Function Keys</b>          | 24 Keys   |
| <b>Key Material</b>           | Silicone Rubber   |
| <b>Pointing Device</b>        | No Pointer  |
| <b>Backlight</b>              | No Backlight  |
| <b>Mounting Options</b>       | Top Mount   |
| <b>Interface Options</b>      | PS2, USB  |
| <b>Shock</b>                  | 3 x 11 ms pulses of 50g on each of 3 axes   |
| <b>Cable</b>                  | LENGTH: 5 feet from keyboard to Bulkhead Connector DESIGN: 2 separate cables  |
| <b>Vibration</b>              | POWER SPECTRAL DENSITY: 0.04g/Hz FREQUENCY RANGE: 20Hz - 2 kHz<br>DURATION OF TEST PER AXIS: 3 hours                    |
| <b>Flammability</b>           | PRINTED CIRCUIT BOARD: 94 VO SILICONE OVERLAY: 94HB INTERFACE<br>CABLE: 94 VO   |
| <b>Compatibility</b>          | PS/2 KEYBOARD: All Windows Operating Systems  |
| <b>Temperature Range</b>      | STORAGE: -40C to +90C (-40F to +194F) OPERATING: -40C to +70C (-40F to +158F)   |
| <b>Weight</b>                 | 5.6 lbs +/- 0.10 lbs (2.54 kg +/- 0.05 kg)  |
| <b>Warranty</b>               | 1 Year Limited Warranty   |
| <b>Humidity</b>               | 100% Humidity Resistant (when properly installed)   |
| <b>Dimensions</b>             | 17.70" x 9.20" x 1.58" (w-h-d) 449.6mm x 233.7 mm x 40.1 mm   |
| <b>Certifications</b>         | IP Rated, NEMA 4X UL60950, FCC Part 15 Class B Factory Mutual Class I, II, & III,<br>Division I, Groups C, D, E, F, & G |
| <b>Model Number(s)</b>        | PM-1000-IS: With PS/2 cable   |