iKey

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DT-1000-IS

Intrinsically Safe Stainless Steel Keyboard

iKey manufactures devices to reduce risk of failure in your hazardous areas. The intrinsically safe DT-1000-IS is a full-size desktop keyboard featuring a stainless steel case and a sealed industrial silicone rubber keypad. It has a Factory Mutual approval for Class I, II and III, Division I, Groups C, D, E, F and G. It includes optical isolated barriers and bulkhead cables for complete protection in hazardous locations. Its 24 function keys and 10-key number pad allow for user v ersatility. The DT-1000-IS is designed to meet NEMA 4X specifications, making it resistant to dust, dirt, water and corrosive liquids.

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
Shock	3x11 ms pulses of 50g on each of 3 axes
Cable	LENGTH: 5 feet from keyboard to Bulkhead Connector DESIGN: 2 separate cables
Key Switch	MATERIAL: Industrial silicone rubber LIFE: 10 million cycles TRAVEL: 0.055 in. (1.4 mm) 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 INERFACE CABLE: 94 VO
Compatability	PS/2: All Windows Operating Systems
Temperature Range	STORAGE: -40C to +90C (-40F to +194F) OPERATING: -40C to +70C (-40F to +158F)
Weight	5.25 lbs +/- 0.10 lbs (2.38 kg +/- 0.05 kg)
Warranty	1 year limited warranty
Humidity	100%
Dimensions	16.25" x 7.88" x 1.8" (w-h-d) 412.8 mm x 200.2 mm x 45.7 mm
Model Numbers	

Features and Benefits

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

I-TECH COMPANY

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