DU-5K-IS

Intrinsically Safe Keyboard DU-5K-IS

iKey® manufactures devices to reduce risk of failure in your hazardous areas. The intrinsically safe DU-5K-IS is designed to meet NEMA 4X specifications. It features 116-key functionality, including 24 function keys, and an ABS polycarbonate case. It has a Factory Mutual approval for Class I, II and III, Division I, Groups C, D, E, F and G. The DU-5K-IS includes optical isolated barriers and bulkhead cables for complete protection in hazardous locations. An upgraded FSR pointing device is integrated into the DU-5K-IS, which offers improved sensitivity and increased durability.

Features:

10-Key Numeric Pad

116-Key Functionality

24 Function Keys

Integrated Force Sensing Resistor(FSR) Pointing Device

Polycarbonate Case with Mounting Holes

PS/2 configurations available

Product Code DU-5K-IS

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 (providing separate keyboard and mouse connections)
KEY SWITCH	MATERIAL: Industrial silicone rubber LIFE: 10 million cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 6.35 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
POWER	KEYBOARD: 5V@ 10 ma (from CPU port) HULAPOINT: 5V@ 10 ma (from mouse conn. port)
COMPATIBILITY	PS/2 KEYBOARD/HULAPOINT: All Windows Operating Systems
TEMPERATURE RANGE	STORAGE: -40C to +70C (-40F to +158F) OPERATING: -20C to +60C (-4F to +140F)
WEIGHT	3.8 lbs +/- 0.10 lbs (1.7 kg +/- 0.05 kg)
WARRANTY	1 Year Limited Warranty
HUMIDITY	100%

DIMENSIONS	14.94" x 6.63" x 1.81" (w-h-d) 379.5mm x 168.4mm x 46mm
MODEL NUMBERS	DU-5K-IS: With PS/2 cable