

Industrial KEYBOARD

Intrinsically Safe Keyboard with HulaPoint II

Model: Y5K00W



The intrinsically safe Y5K00W 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 Y5K00W includes optical isolated barriers and bulkhead cables for complete protection in hazardous locations. An upgraded HulaPoint II™ pointing device is integrated into the Y5K00W, which offers improved sensitivity and increased durability

FEATURES:

- 10-Key Numeric Pad
- 116-Key Functionality
- 24 Function Keys
- Integrated HulaPoint II™ Pointing Device
- Polycarbonate Case with Mounting Holes
- PS/2 configurations available

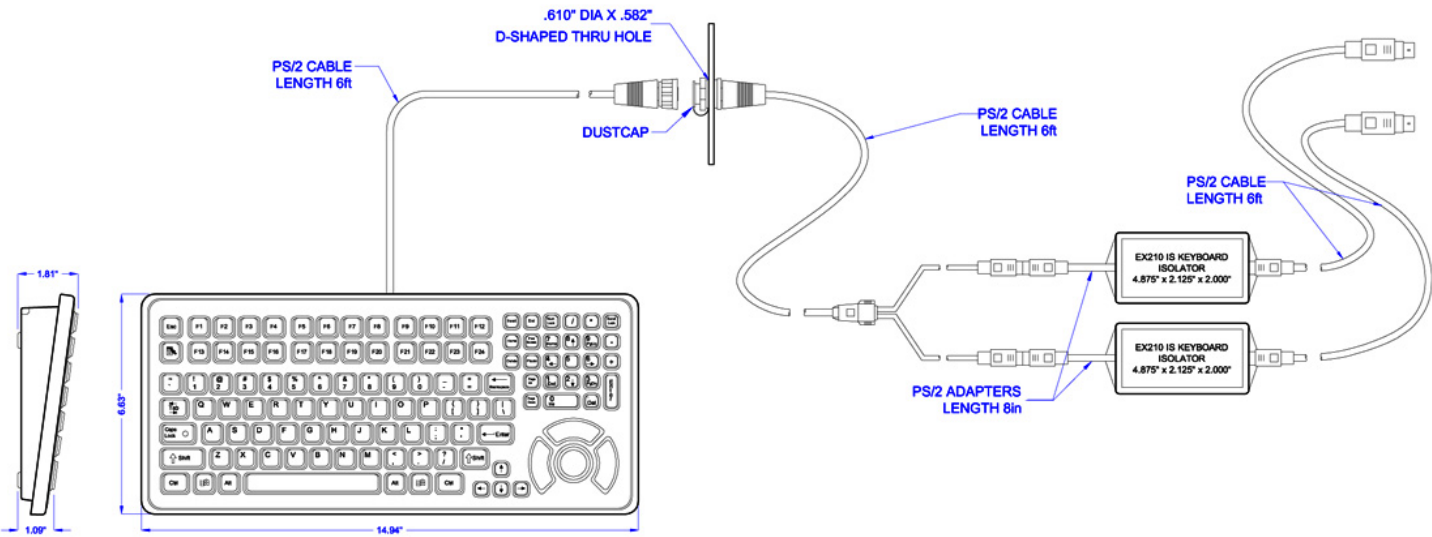
SPECIFICATIONS:

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 (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



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: 6.35 oz. +/- 1.06oz (200g +/- 30g)
FEEDBACK: Tactile with Mechanical Snap

POWER

Reference Drawing Number HL0003 for Power Requirements
Installation shall be in accordance with NEC, Article 504,
ANSI, NFPA 70

TEMPERATURE RANGE

STORAGE: -40°F to +158°F (-40°C to +70°C)
OPERATING: -4°F to +140°F (-20°C to +60°C)

HUMIDITY

100% Humidity Resistant

VIBRATION

POWER SPECTRAL DENSITY: .04g²/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

3.8 lbs +/- 0.10 lbs (1.7 kg +/- 0.05 kg)