KYB-170-OEM

WEARABLE OEM KEYPAD

Designed for integration into wearable technology, the KYB-170-OEM is a ruggedized alphanumeric keypad built for exceptional EMI performance.

This 17-key, ultra-compact keypad utilizes sequential key presses to access both alphabetic and numeric characters – similar to the texting function of a cell phone. In addition, it includes an integrated Force Sensing Resistor (FSR) pointing device and multiple levels of backlighting that are available in almost any LED color, including NVIS Green B. Built for use in harsh areas, the KYB-170-OEM is sealed to NEMA 4X specifications when properly sealed and is designed to meet MIL-STD-461E requirements for radiated susceptibility.

Features
Integrated Backlighting
Integrated FSR pointing device
Slim, Compact Design
USB configurations available
Wearable design

Product Code KYB-170-OEM

CERTIFICATIONS	NEMA 4X; UL60950 FCC Part 15 Class B; CE
SHOCK	3 x 11 ms pulses of 50g on each of 3 axis
CABLE	DESIGN: Single Cable USB
KEY SWITCH	MATERIAL: Industrial Silicone Rubber LIFE: Greater than 10 Million Cycles TRAVEL: 0.055 in. ACTUATION FORCE: 230 g (+/-30 g) FEEDBACK: Tactile with Mechanical Snap
VIBRATION	POWER SPECTRAL DENSITY: .04g/HZ FREQUENCY RANGE: 20Hz-2Khz DURATION OF TEST PER AXIS: 3 hours
POWER	USB: 170mA@5V (from CPU port)
COMPATIBILITY	USB: All Windows and Macintosh OS
TEMPERATURE RANGE	STORAGE: -35C to +85C (-31F to 185F) OPERATING: -20C to +70C (-4F to 158F)
WEIGHT	0.10 lbs (0.034 kg)
WARRANTY	90 Day Limited Warranty
HUMIDITY	100% Humidity Resistant
DIMENSIONS	2.55" x 2.75" x 0.22" (w-h-d) 64.77mm x 69.85mm x 5.59mm
MODEL NUMBERS	KYB-170-OEM

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www.L-TronDirect.com

800-830-9523

info@L-Tron.com

Get in touch with us
on social media!

596 Fishers Station Dr | Victor, NY | 14564 | Suite 1 A

www.L-Tron.com