



## IK-170-OEM

### IK-170-OEM Number Pad

IK-170-OEM –Designed by iKey for integration into wearable technology. This numeric pad replaces previous versions of KYB-114. Ideal for high-volume data entry. This 17-key, ultra-compact keypad utilizes sequential key presses to access both alpha- and numeric characters, similar to the texting function of a cell phone. The night mode feature allows for a quick transition from lowest brightness to highest brightness to accommodate day vs. night setting.

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 IK-170 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
- Can be integrated into wearable design
- Meets Military standard MIL-STD-461E

## Product Code IK-170-OEM

SHOCK	3x11 ms pulses of 50g on each of 3 axes
KEY SWITCH	MATERIAL: Industrial silicone rubber LIFE: Greater Than 10 Million Cycles
TRAVEL	0.055 in. ACTUATION FORCE: 200g (+/- 20g)
VIBRATION	POWER SPECTRAL DENSITY: 0.04g/Hz FREQUENCY RANGE: 20Hz - 2 kHz
DURATION OF TEST PER AXIS	3 HOURS
POWER	USB: 50mA@5V (from CPU port)
TEMPERATURE RANGE	STORAGE: STORAGE: -40C to +90C (-40F to 194F) OPERATING: -40C to +70C (-40F to 158F)
WARRANTY	One year limited
HUMIDITY	100%

MOUNTING PATTERN

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DIMENSIONS 2.55" x 2.75"

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MODEL NUMBERS IK-170, IK-170-OEM

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