



IK-170

IK-170 Number Pad

IK-170 is designed by iKey® for integration into wearable technology. This rugged numeric pad replaces previous versions of KYB-170. 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.

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
- Wearable design

Product Code IK-170

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|---------------------------|---|
| 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: 8.11 oz +/-1.06 oz. (230g +/-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 | USB: 170 mA@5V from CPU port |
| TEMPERATURE RANGE | STORAGE: -35C to +85C (-31F to 185F) OPERATING: -20C to +70C (-4F to 58F) |
| WARRANTY | One year warranty |
| HUMIDITY | 100% |
| DIMENSIONS | 1.82" x 2.25" x 0.44" (w-h-d) |
| WEIGHT | 0.30 lbs +/- 0.10 lbs |