



7 Keys Horizontal Membrane Keypad

P/N.KIPL 22-5825

Key Highlight

- 7-key horizontal membrane keypad for compact UI layouts
- Metal dome switches with long life and tactile feedback
- Reliable operation in wide temperature and humidity ranges
- Designed for secure adhesive mounting in harsh environments

Production Information

The 7 Keys Horizontal Membrane Keypad (MPN: KIPL 22-5825) is engineered to provide precise and dependable user input for defense, industrial, and mission-critical systems. Designed and manufactured by Keetronics, a trusted name in advanced input devices with over three decades of experience, this keypad meets the rigorous demands of battlefield and harsh-environment applications.

Built using metal dome switch technology, the keypad ensures consistent tactile response with a life expectancy of up to one million operations. Its controlled actuation force minimizes accidental key presses while maintaining user comfort. The keypad is designed to operate reliably across wide temperature and humidity ranges and supports secure adhesive mounting for long-term deployment in critical systems.

Technical Specifications

Number of Keys	7 (Horizontal layout)
Degree of Protection	IP rating (to be tested by customer)
Dimensional Tolerance	±0.2 mm
LED Operating Voltage	3.3 V / 5 V DC
Contact Resistance	10 Ohms
Contact Bounce Time	10 ms
Activation Force	280–350 grams
Life Expectancy	1 million operations (metal dome)
Operating Temperature	-20°C to +70°C
Humidity Resistance	95% RH at 40°C for 48 hours