



7 Keys Vertical Membrane Keypad

P/N.KIPL 22-5819

Key Highlight

- 7-key vertical layout for space-efficient panel design
- Metal dome switches with long life and tactile response
- Reliable operation in wide temperature and humidity ranges
- Suitable for defense and harsh industrial environments

Production Information

The 7 Keys Vertical Membrane Keypad (MPN: KIPL 22-5819) is engineered to deliver 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 32+ years of experience, this keypad is built to meet the stringent demands of battlefield and harsh-environment applications.

The keypad utilizes metal dome switch technology to provide consistent tactile feedback and a long service life of up to one million operations. Its controlled actuation force helps prevent accidental key presses while ensuring comfortable and accurate operation. Designed for reliable performance across wide temperature and humidity ranges, the keypad supports secure adhesive mounting for long-term deployment in critical equipment.

Technical Specifications

Number of Keys	7 (Vertical 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