



## 4 Keys Membrane Keypad

P/N.KIPL 22-5886

### Key Highlight

- Compact 4-key membrane keypad for mission-critical applications
- Long life metal dome switches with consistent tactile response
- Reliable operation across wide temperature and humidity ranges
- Designed for secure adhesive mounting with controlled tolerances

### Production Information

Built using high-quality metal dome technology, the keypad delivers consistent tactile feedback with a long operational life of up to one million key actuations. It is optimized for stable performance across wide temperature and humidity ranges, making it suitable for challenging battlefield and mission-critical environments.

The keypad is designed for easy integration, with controlled dimensional tolerances and well-defined adhesive mounting guidelines to ensure secure installation and long-term reliability. This solution is ideal for applications requiring compact, robust, and dependable user input interfaces

## Technical Specifications

|                       |                                            |
|-----------------------|--------------------------------------------|
| Number of Keys        | 4                                          |
| Degree of Protection  | IP67 (testing to be conducted 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                |