



# APEM

[www.apem.com](http://www.apem.com)

THE VERY LATEST GENERATION IN CONTACTLESS JOYSTICK

## 3000 SERIES

SMALL HALL EFFECT JOYSTICK

Manufactured in the UK with the latest Hall effect technology, the 3000 series offers exceptional reliability and precision, making it ideal for use in all harsh and demanding environments.

### MAIN APPLICATIONS

- Defense vehicle accessories
- UGVs
- Control room operations



# 3000 SERIES - FINGERTIP HALL EFFECT JOYSTICK

The 3000 Series is a next-generation contactless joystick, combining a compact <20mm depth with 1, 2, or 3-axis options. Its advanced **Hall effect** technology ensures long-lasting reliability, while a reinforced mechanism enhances durability, strength, and performance.

- EMC Immunity Level: EN61000-4-3 (extended)
- EMC Emissions Level: EN61000-6-3:2001, CISPR 22:2005, Class B 30 MHz-11GHz
- ESD: EN61000-4-2 (extended)

16 handle variations to support 1, 2 or 3 axis



Available with integrated pushbuttons



Internal mechanical limiter options



Supplied with standard connectors, or wire harness on request



## ENVIRONMENTAL SPECIFICATIONS

- Operating temperature: -25 °C to +70 °C
- Storage temperature: -40 °C to +70 °C
- Sealing: IP66 (above panel, subject to handle and final specification)
- EMC Immunity Level: EN61000-4-3 (extended)
- EMC Emissions Level: EN61000-6-3:2001, CISPR 22:2005, Class B 30 MHz-11GHz
- ESD: EN61000-4-2 (extended)

## BENEFITS

- EMC rated, helps to minimize the possibility that radiated or conducted emissions produced by the device will interfere with other electronic products
- Tested 10 million cycles to withstand tough conditions with repetitive tasks
- Available with Hall-effect technology
- Analog PWM CAN J1939 & CANopen outputs to meet the needs of your application

## RELATED PRODUCTS



12000x778 series

TS series

WP series

13000x778 series

FG series

ES series

3500 series

MSG series

IZ series

Please reach your regular APEM sales contact or visit [apem.com](http://apem.com)



[www.apem.com](http://www.apem.com)