

## **PRODUCT END OF LIFE – BH series**

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By this document, APEM UK announces the end of availability of BH series joystick with immediate effect.

APEM introduced in 2021 a replacement series the BHN with additional features.

The impacted APEM references are all BH products.

The BHN is a drop-in replacement an example of the reference change is shown below.

Current BH series reference	New Replacement BHN reference
BH150A01BKRE1500	BHN150A01BKRE1500



Richard Bateman – Product Marketing Manager

# BHN series

Paddle joystick controllers •  
non-contacting Hall effect technology



## DISTINCTIVE FEATURES

- Hall effect and switch function
- Custom levers available in 5 colors
- Analog or PWM outputs
- 5V operation with standard dual redundant outputs
- Sealed up to IP67



## ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -25 °C to +70 °C (-13 °F to +158 °F)
- Storage Temperature: -40 °C to +85 °C (-40 °F to +185 °F)
- Seal Above Panel: IP67
- EMC Immunity Level: EN61000-6-2: 2005
- EMC Emissions Level: EN61000-6-4: 2011
- ESD: EN61000-4-2
- Damp Heat – BS EN 60068-2-78:2002
- Salt Spray – BS EN 60068-2-11:1999
- Thermal shock: BS EN 60068-2-14:2009
- Humidity cycling BS EN 60068-2-38:2009
- Signal Cable Transients: EN 61000-6-2: 2005
- AC Magnetic Field Immunity: MIL-STD-461F
- Random vibration according to BS EN 60068-2-64-1008
- BS EN 60068-2-27:2009
- Freefall drop - BS EN 60068-2-31:2008
- Shock (acceleration) - BS EN 60068-2-27:2009



## ELECTRICAL SPECIFICATIONS

- Maximum Voltage: 5 V ±0.5 V Transient free
- Recommended load: 10 K Ω Minimum
- Return to Center Voltage Tolerance: V/2± (5% x Gain)

The company reserves the right to change specifications without notice.



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**BUILD YOUR PART NUMBER**

