

RUFFY CONTROLS, INC. 3258 Grey Hawk Court, Carlsbad, CA USA

www.ruffycontrols.com 442-244-0673



TS1 Series

2 Axis Thumb Controller Hall Effect Technology Spring Return 22.5° Deflection from Center Fully Sealed (IP67 Above Panel) 2.5 Million Life Cycles <1" Above Panel Height



SAT Series

Single Axis Thumb Controller Hall Effect Technology Spring Return 30° Deflection from Center Fully Sealed (IP67 Above Panel) 2.5 Million Life Cycles <1" Above Panel Height



SS1 Series

4-Way Switch Hall Effect Technology Spring Return 15° Deflection from Center Fully Sealed (IP67 Above Panel) Limitless (Contactless) Switch Cycles <1" Above Panel Height



MR Series

2 or 3 Axis Joystick 5K Ohm Precision Pot. **Fingertip Controlled** Spring Return to Center 25° Deflection from Center Sealed up to IP54 5 Handle Options



HE1 Series

2 or 3 Axis Joystick Precision Hall Effect **Fingertip Controlled** Spring Return to Center 5 Million Life Cycles Sealed up to IP67 13 Handle Options



MH Series

2 or 3 Axis Joystick **Precision Hall Effect Fingertip Controlled** Spring Return to Center 5 Million Life Cycles Sealed up to IP54 10 Handle Options





4, 5, 8 or 9 Way "Hat" Switch Fully Sealed to IP67



FNR Series

Hall Effect Technology 3 Position Switch (For./Neu.Rev.) 25° Deflection from Center Fully Sealed (IP67 Above Panel) 3 Million Life Cycles <1" Above Panel Height





HCK Series

Hall Effect Control Knob IP67 Above Panel Seal 45° Deflection from Center



HED Series

3 Axis Hall Effect Joystick 4 or 10 Button Housing 0,1 or 2 Button Joystick Standard USB (HID) Interface





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HE2 SERIES

SEALED, ROBUST HALL EFFECT FINGERTIP JOYSTICK

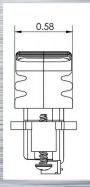
- * ALL CONFIGURATIONS IP67 SEALED FOR HARSH **ENVIRONMENTS**
- * ELASTOMER OVERLAY HANDLE PROVIDES A SOFT TOUCH FEEL WITH OPTIONAL INTEGRATED **BUTTONS**
- * ROBUST STAINLESS STEEL AND BRASS X/Y **MECHANISM**
- * PRE-PROGRAMMED PROPORTIONAL ANALOG **OUTPUT OR USB**
- * AVAILABLE IN A 2 OR 3 AXIS PACKAGE AND ALL HE1 MOUNTING OPTIONS

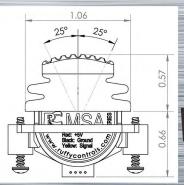


HE3 SERIES

INDUSTRIAL FINGERTIP HALL EFFECT JOYSTICK WITH REDUNDANT SENSOR **TECHNOLOGY**

- * AVAILABLE IN 2 OR 3 AXES
- * EACH AXIS PROVIDES DUAL (REDUNDANT) ANALOG OUTPUT
- * INDEPENDENT 5V POWER SUPPLY PER SENSOR
- * REAR MOUNT OR DROP-IN HOUSING
- * MULTIPLE HANDLE OPTIONS, ALL IP67 SEALED







MSA SERIES

MICRO SINGLE AXIS HALL EFFECT THUMB CONTROLLER

- * MINIATURE DESIGN
- * FOR JOYSTICKS, ARMRESTS OR PANEL MOUNTING
- * SPRING RETURN TO CENTER
- * IP67 PANEL SEALED