



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



SS2 Series

2, 4 or 8 Way Switch
(OFF-MOM)
Spring Return to Center
12° Deflection from Center
Fully Sealed (IP67 Above Panel)



HS1 Series

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



HCK Series

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

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



HED Series

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



MFD Series

1, 2 or 3 Axis Controller
2, 4 or 6 Button Housing
0, 1 or 2 Button Joystick
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

