

OTTO®

PRODUCT SUMMARY



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Dust, wind, water, sand, shock and vibration are no match for OTTO's line of switches, grips and joysticks made for demanding construction, agriculture and other Off-Road applications. OTTO controls are used all over the world in off-road vehicles and machinery such as trenchers, drillers, bulldozers, excavators, sprayers, tractors, harvesters, tillers and mowers.

ELECTROMECHANICAL SWITCHES



K1S: Sealed ON-ON Triple Throw Rocker



P6-4: Sealed Commercial Grade Limit Switch



K5: Sealed Illuminated Rocker



T7: Lower Cost Sealed Toggle



P3: Sealed Momentary Action Pushbutton



LP30M: Large Sealed Illuminated Pushbutton



P7-D / P9: Sealed Momentary Action Pushbutton



LP3V: Ring Lit Vandal Resistant Pushbutton

HALL EFFECT CONTROLS



HTWS: Thumb Paddle Wheel with Seal Boot



HPL: Hall Effect Linear Output Pushbutton Switch



HTL2 / HTL4: 2-Way and 4-Way Finger Joysticks



HPW: Hall Effect Single Axis Paddle

HALL EFFECT JOYSTICKS & GRIPS



HJLG3-C/ HJLG3-M: JHL Joysticks with G3-C / G3-M Grips



HJLG3-D: JHL Joystick with G3-D Grip



JHT Z-Axis: Miniature Z-Axis Joystick with Pushbutton



G3: Contour Grip



Far Part 145 Repair Station



EASA Part 145



ISO 9001:2015



ISO 14001:2015



AS9100:2016
OTTO



A2LA: ISO/IEC 17025



OTTO specializes in precision controls for the most demanding military and aerospace applications, offering a wide variety of product offerings and configurations, such as actuator styles, circuitry configurations, electrical ratings, terminations, button styles, and standard grip shapes. Our controls feature high cycle life, extreme temperature ratings, fully sealed, and resistance to potentially harmful environmental elements.

ELECTROMECHANICAL SWITCHES



B2-5: Single Break Subminiature Basic Switch with Levers



P7: Subminiature MIL-PRF-8805/110 Pushbutton



T4-T: Tactile 4-Way Mini Trim



T9: Commercial and Military Toggle

HALL EFFECT CONTROLS



HTL2: 2-Way Single Axis Linear Finger Joystick



HTL4: 4-Way Finger Joystick



HTLT4: 4-Way Finger Joystick



HTLT2: 2-Way Finger Joystick with Pushbutton Option

TRANSDUCERS & LIMIT SWITCHES



J2: Strain Gauge Transducer



J2: Strain Gauge Transducer



P6-1: P6 with Roller Plunger Axis Leads



P6-24002: P6 with Pin Plunger Radial Leads

GRIPS



G2: Commander Grip



G2: Flight Control Grips



G2: Helicopter Cyclic and Collective Grip Universal Grip



G2: Military Flight Control Grip



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Use OTTO's switches, grips and joysticks to control the movement, storage and protection of your material goods in machines like side loaders, forklifts, automated guided vehicles (AGV), container handlers, winches and cranes.

ELECTROMECHANICAL SWITCHES



K5: Sealed Illuminated Rocker with Legends



K1S: FNR Rocker



CS: Capacitive Touch Switch



T3: Commercial and Military Miniature Toggle



LP5: Illuminated Alternate Action Pushbutton



P8: Momentary Sealed Subminiature Pushbutton



P7-D / P9: Sealed Momentary Action Pushbutton



P3-D: Sealed Momentary Action Pushbutton

HALL EFFECT CONTROLS



HTWE: Hall Effect Friction Actuation Thumbwheel



HP7C: Lower Cost Momentary Action Pushbutton Switch



HTWS: Thumb Paddle Wheel with Seal Boot



WP: Operator Control Module

HALL EFFECT JOYSTICKS



JHM: Medium Industrial Joystick with Hall Effect Rocker



JHL: Cost Effective Sealed Joystick



HTL4: 4-Way Finger Joystick



JHT: Miniature Joystick



AS9100:2016



ISO 9001:2015



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Controls are the backbone of an industrial equipment environment, regulating how devices and systems operate in real time, both manually and automated. OTTO controls are used all over the world in industrial equipment applications like manufacturing, food processing, water treatment, communications, warehousing, electric transmission and power plants.

ELECTROMECHANICAL SWITCHES



K1: Sealed Rocker



B3S-5: Sealed Subminiature Basic Switch with Levers



P7-D / P9: Sealed Momentary Action Pushbutton



K4: Sealed Snap-In Rocker



LP3: Illuminated Sealed Momentary Action Pushbutton



LP5-V: Vandal Resistant Alternate Action Pushbutton



LPL: Indicator Light



T71: Narrow Single Pole Toggle

HALL EFFECT CONTROLS



HP7: Hall Effect Momentary Pushbutton



HPW: Single Axis Paddle



HTWS: Smaller Proportional Output Thumbwheel



HTWE: Hall Effect Friction Actuation Thumbwheel

HALL EFFECT JOYSTICKS & GRIPS



JHS-F: Friction Hold Single Axis Joystick



JHT Z-Axis: Miniature Z-Axis Joystick with Pushbutton



G3-C: Universal Grip



G3-E: Control Grip



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Our control solutions meet the stringent demands of medical-related equipment, providing superior performance and high cycle life – up to 10 million cycles. Precision testing ensures that our glove-friendly controls are rated up to IP69K and can handle demanding applications. Quality adheres to ISO 9000 standards and our products are designed to be easy-to-clean, disinfected and are highly customizable.

OTTO has been a responsive partner in the fight against the Covid-19 pandemic, creating products for critical medical applications such as ventilators, laboratory test equipment, mobility equipment, remote surgical equipment, and disinfecting devices.

ELECTROMECHANICAL SWITCHES



B3S-5: Sealed Subminiature Basic Switch with Levers



P6-3: Subminiature Sealed Single Pole Limit Switch



K1: Sealed Rocker



T8: 8-Way Mini Trim



P7: Subminiature Sealed Pushbutton



P5-V: Vandal Resistant Sealed Alternate Action



LP5-V: Illuminated Vandal Resistant Alternate Action



P3: Sealed Momentary Action or Push-Pull Button

HALL EFFECT CONTROLS



HPL: Linear Output Pushbutton



HTL4: 4-Way Finger Joystick



HTLT4: 4-Way Finger Joystick



J4: Hall Effect Transducer

HALL EFFECT JOYSTICKS



JHT: Miniature Joystick



JHT Z-Axis: Miniature Z-Axis Joystick with Pushbutton



AS9100:2016



EASA Part 145



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Dust, wind, water, sand, shock and vibration are no match for OTTO's line of switches, grips and joysticks made for demanding applications. OTTO serves numerous specialty markets with standard, yet highly-customizable solutions for industries such as marine, communications, security, sporting and recreation.

ELECTROMECHANICAL SWITCHES



R2: Sealed Rotary Switch with Illumination Options



B5-7: Double Break, Double Pole Miniature Basic Switches



CS: Capacitive Touch Switch



FG: Pushbutton Flip Guards



LP3S: Illuminated Shorter Behind Panel Momentary Action Pushbutton



LP3-V: Fully Illuminated Vandal Resistant Pushbutton



LP9: Illuminated Sealed Momentary Action Pushbutton



P3-D: Sealed Momentary Action Pushbutton

HALL EFFECT CONTROLS



HTWS: Thumb Paddle Wheel with Seal Boot



HP7C: Lower Cost Momentary Action Pushbutton Switch



HPL: Hall Effect Linear Output Pushbutton



HPW: Hall Effect Single Axis Paddle

HALL EFFECT JOYSTICKS & GRIPS



JHT: Miniature Joystick



JHT Z-Axis: Miniature Z-Axis Joystick with Pushbutton



G3-CK: Universal Grip



G3-B: Universal Grip



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For more than 60 years, OTTO has been designing and manufacturing precision switches and operator controls for the most demanding applications. OTTO has a broad range of standard and custom products, including traditional snap action switches, Hall effect technology and grips. OTTO excels in providing value-added services to meet our customers' needs by managing every phase of the project from conceptual design to finished product. Onsite capabilities and expertise include product engineering, 3D printing, injection molding, stamping, milling, machining and full quality testing.

Complete custom interfaces incorporate various control products, plus LED indicators, keypads/touchpads, cable assemblies and additional electronic circuitry. From a basic switch to a sophisticated panel assembly integrating many components, the array of possibilities is endless.



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