

JOYSTICK SELECTION GUIDE

THUMB CONTROL

CW series

- Hall effect technology
- Miniature design
- Single axis
- Spring return to center
- 3 million lifecycles



TW series

- Hall effect technology
- Single axis
- Spring return to center
- 5 million lifecycles
- Electronics sealed up to IP67



HR series

- 5 million lifecycles (w/o detents)
- Sealed to IP67
- Backlighting option
- EMI/RFI shielding
- Detent & friction hold options available



FR series

- Hall effect technology
- 3 position, on-off-on analog output
- 3 million lifecycles
- Sealed up to IP67



HS series

- 5-way switching
- Mom-off-mom
- Tactile feedback
- Connectorized housing
- Fully sealed to IP67 & IP69K



NV series

- 4 or 5 way switching
- 4 or 5 momentary NO
- Sealed up to IP67
- Compact and low profile
- Positive tactile feedback in all directions



TS series

- Hall effect technology
- Metal bushing option
- One or two axis
- Pushbutton & USB options
- Fully sealed up to IP67 & IP69K



FINGERTIP

3000 series

- Hall effect technology
- <20mm below panel
- Robust design
- Up to three axis
- 10 million lifecycles



HT series

- Hall effect technology
- Robust design
- Large fingertip design
- Up to three axis
- CANbus



SN series

- Hall effect technology
- 12 bit resolution
- Single axis
- Friction, "stay-put" centering
- Ball race bearings & PTFE guides



4000 series

- Potentiometer technology
- Up to three axis
- Robust, metal construction
- Open or closed body
- Sealed up to IP65



8000 series

- Switching technology
- Robust design
- One or two axis
- Optional center detect
- Switches up to 1A



1000HE series

- Switching technology
- One or two axis
- Switches up to 10A
- Sealed up to IP67
- Single or double pole



PC series

- Analog or USB output
- Optional sealing up to IP67
- Proportional control
- Configured to order
- Lightweight, one hand operation



HF series

- Hall effect technology
- Up to three axis
- Sealed up to IP67
- CANbus & USB options
- 5 million lifecycles



BF and BD series

- Hall effect technology
- Sculpted ergonomic design
- 5 million lifecycles
- Single axis
- IP67 sealed



BL and BH series

- Hall effect technology
- Sculpted grip with soft touch
- 10 million lifecycles
- Single axis
- Sealed up to IP67



M series

- Potentiometer technology
- Friction centering option
- 17 handle options
- Up to three axis
- Shallow mounting



1000 series

- Switching technology
- Single or double pole
- Compact design
- V3 or V4 switches
- Bush or screw mount



NZ series

- Switching technology
- Ultra compact
- Two axis toggle design
- Panel sealed up to IP67
- 11.9mm bush mounting



9000 series

- Inductive technology
- 5-15V operation
- Redundant outputs
- Panel sealed up to IP65
- At center fault detection



JOYSTICK SELECTION GUIDE

HAND GRIP

MS series

- Hall effect technology
- Mid-size
- Up to three axis
- Redundant outputs
- USB, CANopen and J1939 CANbus options



FG series

- Custom configured
- Fixed Grip™ style
- Operator presence paddle option
- USB & CANbus options
- Sealed up to IP67



CJ series

- Hall effect technology
- One and two axis
- 10 million lifecycles
- CANopen & J1939
- Operator presence paddle option



HJ series

- Hall effect technology
- Rugged, all metal gimble
- Up to three axis
- CANbus J1939 & CANopen options
- 10 million lifecycles



AG series

- Hall effect technology
- Agriculture style handle
- Customizable faceplate
- CANbus options



TH series

- Hall effect technology
- Single axis
- Friction positioning
- Mechanical detents
- Sealed up to IP67



USB DESKTOP

IP Desktop

- Hall effect technology
- Three axis for PTZ control
- Twelve tactile pushbuttons
- Standard USB 2.0 interface
- Windows "Game controller"



IPD Ultima

- Hall effect technology
- Soft touch housing
- 10 LED pushbuttons
- 2 buttons on joystick
- Standard USB 2.0 interface



MJ & FJ Desktop

- Black & gray color options
- Analog output available
- Standard USB interface
- Customizable



DT225 trackball

- Ergonomic desktop design
- 57mm diameter phenolic ball
- USB outputs



LP/P series trackball

- Panel mount design
- Optional illumination & pushbuttons
- Stainless steel shafts & bearings
- Sizes ranging from 25 to 51mm



RS series

- Hall effect technology
- 12 bit resolution
- Three axis for PTZ control
- Six tactile pushbuttons
- Standard USB 2.0 interface



IPD Launch

- Potentiometer technology
- Three axis for PTZ control
- Ten tactile pushbuttons
- "Plug-and-play"
- Standard USB 2.0 interface



VM Desktop

- Hall effect technology
- Jog / shuttle dial
- 27 pushbuttons
- Standard USB 2.0 interface
- Windows "Game controller"



LT series trackball

- Solid state sensing technology
- Miniature 13mm diameter ball
- USB, PS/2 & SUN outputs
- IP68 sealing



R series trackball

- Removable bezel
- Optional illumination & pushbuttons
- Stainless steel shafts & bearings



PANEL SWITCHES

PCB SWITCHES

JOYSTICKS

SWITCH PANELS

LED INDICATORS