














JOYSTICK SELECTION GUIDE

THUMB CONTROLS	CW series <ul style="list-style-type: none"> Hall effect technology Miniature design Single axis Spring return 1 million lifecycles 	TS series <ul style="list-style-type: none"> Hall effect technology Metal bushing option One or two axis Pushbutton option Fully sealed to IP67 & IP69 	TW series <ul style="list-style-type: none"> Hall effect technology Single axis Spring return to center Dual outputs available Electronics IP67 sealed 	
		HS series <ul style="list-style-type: none"> 5-way switching device Mom-off-momentary Tactile feedback Gold or silver contacts Fully sealed to IP67 & IP69 		
	3000 series <ul style="list-style-type: none"> Hall effect technology < 20mm below panel Robust design Up to three axis 10 million lifecycles 	HF series <ul style="list-style-type: none"> Hall effect technology Up to three axis IP67 sealing CANbus & USB options 5 million lifecycles 		
FINGERTIP	HT series <ul style="list-style-type: none"> Hall effect technology Robust design Large fingertip design Up to three axis CANbus & USB options 	BF series <ul style="list-style-type: none"> Hall effect technology Detents & switching Spring or friction Single axis IP67 sealed 	SN series <ul style="list-style-type: none"> Hall effect technology 12 bit resolution Ball race bearings & PTFE guides Single axis Friction, "stay put" centering 	
	M series <ul style="list-style-type: none"> Potentiometer technology Friction centering option 17 handle options Up to three axis Shallow mounting 	4000 series <ul style="list-style-type: none"> Potentiometer technology Robust design Metal construction Open or closed body Sealed to IP65 	1000 series <ul style="list-style-type: none"> Switching technology Low cost Compact design V3 or V4 switches Bush mounting option 	
	8000 series <ul style="list-style-type: none"> Switching technology Robust design Progressive switching Optional center detect Switches up to 1A 	NZ series <ul style="list-style-type: none"> Switching technology Ultra compact Two axis toggle design IP67 panel sealed 11.9 bush mounting 	1000HE series <ul style="list-style-type: none"> Switching technology One or two axis Switches up to 10A IP67 sealed Single or double pole 	
		9000 series <ul style="list-style-type: none"> Inductive technology 5-15V operation Redundant outputs IP65 panel sealed At center fault detection 		

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HAND GRIP	MS series <ul style="list-style-type: none"> Hall effect technology Medium sized Up to three axis Redundant outputs CANopen & J1939 	FG series <ul style="list-style-type: none"> Hall effect technology Fixed Grip™ style TS Series options USB & CANbus options Capacitive deadman available 	CJ series <ul style="list-style-type: none"> Hall effect technology Ergonomic design Custom configured CANopen & J1939 Deadman lever option 		
	HG series <ul style="list-style-type: none"> Hall effect technology Ruggedized Up to three axis CANbus options 10 million lifecycles 	AG series <ul style="list-style-type: none"> Hall effect technology Agriculture style Customizable faceplate CANbus options 	TH series <ul style="list-style-type: none"> Hall effect technology Single axis Friction centering Mechanical detents Sealed to IP67 		
	PC series <ul style="list-style-type: none"> Hall effect technology Pendant controller Custom configured Standard USB interface Analog options available 	RS series <ul style="list-style-type: none"> Hall effect technology Low cost option Three axis Six pushbuttons Standard USB interface 	IP Desktop <ul style="list-style-type: none"> Hall effect technology Three axis Twelve pushbuttons Standard USB interface Windows "Game controller" 		
USB DESKTOP	IPD Launch <ul style="list-style-type: none"> Potentiometer technology Three axis Ten pushbuttons "Plug-and-play" Standard USB interface 	IPD Ultima <ul style="list-style-type: none"> Hall effect technology Soft touch housing LED pushbuttons OEM options Standard USB interface 	VM Desktop <ul style="list-style-type: none"> Hall effect technology Jog / Shuttle dial 27 pushbuttons Standard USB interface Windows "Game controller" 		
	MJ & FJ Desktop <ul style="list-style-type: none"> Black and gray color options Analog outputs available Standard USB interface Customizable 	DT225 Trackball <ul style="list-style-type: none"> Ergonomic desktop design USB, PS2 & Bus outputs 	LP/P series Trackball <ul style="list-style-type: none"> Panel mount design Stainless steel shafts & bearings Optional illumination & pushbuttons Sizes ranging from 1.00" to 2.00" 		
		R series Trackball <ul style="list-style-type: none"> Removable bezel Stainless steel shafts & bearings Optional illumination & pushbuttons 			
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A WORLD OF SWITCHING CAPABILITIES