

SK 220

Mini Joystick



Our SK 220 combines our vast experience into a small and robust mini joystick for various applications.

The SK 220 provides two, finger operated, proportional axes (X/Y) with redundant output signals in a compact and small form factor. The SK 220 utilizes hall-effect technology for long lasting, contactless operations with excellent EMC and EMV compatibility ratings.

Its small size makes it perfect for integration into machine and vehicle controls, joystick control grips, CNC & grinding machines, medical devices or the precise piloting of industrial robots and machines.

Please contact us for more information. It will be our pleasure to work with you on an individual solution for your specific needs.

Technical Description

Dimensions	Mounting depth	12 mm / 0.47"
	Ø Panel cut-out	25 mm / 1.94"
	Flange	36 mm / 1.41"
	Ø Handle	20 mm / 0.78"
	Handle height above panel	22 mm / 0.86"
Mounting	4x M2.5 or K25 screws	
Material	Handle: Grilon based Base enclosure: Zinc plated metal	
Functions	Finger activated X/Y axis, 25° deflection, return to center Redundant analogue control signal 2 Versions: Soft guided or + gated	
Technology	Hall effect	
Operating voltage	5 VDC	
Operating current	Max. 22mA	
Output signal	0.5 – 2.5 – 4.5 VDC	
Connection	JST EHR-6, 6 poles, P/N: 100629 6 wires, AWG28, length = 80 mm / 3.14"	
Durability	Up to 3 million duty cycles	
Temperature range	-30°C - +85°C / -22°F ...+185°F	
Protection class	Typical IP 65 / NEMA (4X)	
Note	EMV/EMC compatibility meets highest expectations Custom versions available with minimum quantity orders	



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