

ZS00

INDUSTRIAL JOYSTICK

SAEKAI

-Ergonomics design
-Three degree movement X,Y,Z
-Wider voltage range
-dual channel control system
-Multiple interface

The SQ4 is a compact, finger-tip joystick mainly used in video control systems, electric wheelchairs, and medical devices. It provides precise, smooth control for reliable performance across these critical applications

Technical Data

Travel angle:	±40°(Z axis)±20°/±27°(X or Y axis)
Operating force*:	2.3-6N
Mechanical life:	2M(XorY)/1M(Z)
Operating Temp:	-40C~+85°C
Protection Level:	IP65
EMC:	EN6100-6-4-2007,30MHZ-1GHZEN6100)-6-2-2019,80MHz-6GHZ
Impact:	IEC0068-2-27,50g, 1lms, 3 times/direction impact, in total 6 directions
Vibration:	IEC60068-2-64, random vibration,3.6gRMS, 100-200Hz, each axis lasts for one hour



Selection

Palm Grips

Gate

Movement

Interface

Wiring

A

B

C

D

E

1 -Axis ↓

2 Cross gate ↕

3 All-direction(x, Y-Axis) ✕

4 Z-Axis ↻

T Spring return

Dual path DC5V
Dp2: 0.5-2.5-4.5V ≒ 4.5-2.5-0.5V
Dp3: 1.0-2.5-4.0V ≒ 4.5-2.5-1.0
Dp4: 1.25-2.5-3.75V ≒ 3.75-2.5-1.25V

CAN
CAN 2.0 output

Hall output DC5V
HV2: 0.5-2.5-4.5V
HV3: 1.0-2.5-4.0V
HV4: 1.25-2.5-3.75V

USB

A: Terminal interface

L: Direct outgoing line

X: Customize

Grip

Dimensions