

# SQ1 Series Dual Axis joystick

## Product Features

- Potentiometer or Hall Sensor
- Single or dual axis options
- High-strength handle with excellent proportional control and on/off output
- Protection rating:IP56(above panel)
- Easy installation,smooth operation, durable, and maintenance-free

## Application

The SQ1 joystick is widely used in rotary drilling rigs, aerial fire trucks, crane shield machines, oil hoists, hydraulic proportional control systems, and frequency conversion motor control.

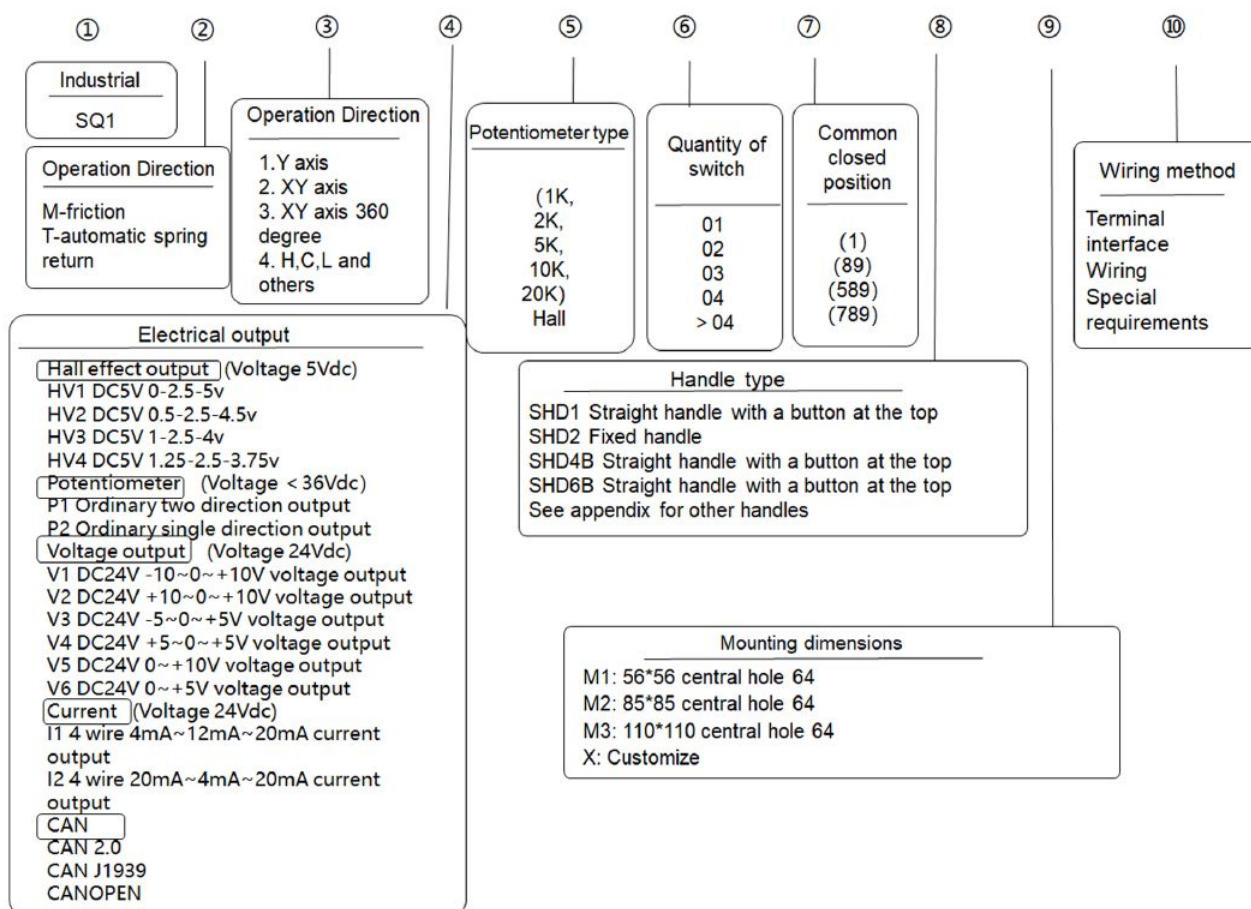


## Technical Information

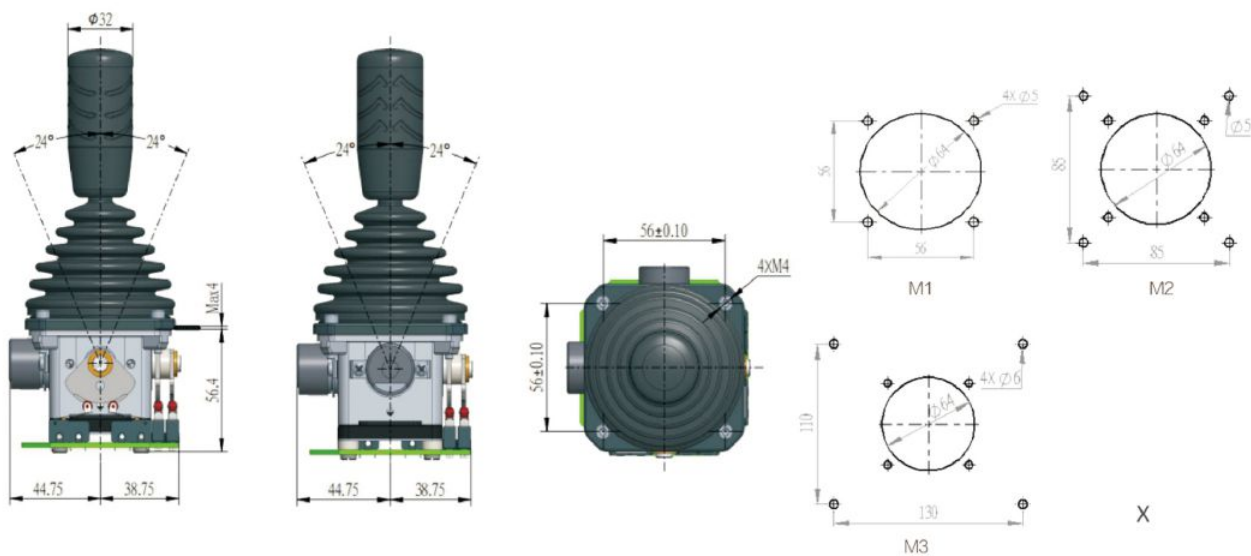
Operating temperature	-20℃ ~ +80℃
Operating torque	≤20N
Installation of flange protection grade	IP56
Mechanical life	5,000,000 cycle
Vibration	amplitude of vibration ±3g, frequency 10HZ-200HZ
Shock	20g, 6ms, half sine type
EMC anti-interference grade	100V/m, 30MHZ-1GHZ, 80%Sine-wave modulation, satisfy EN 50082-2 (1995) standards
ESD anti-interference grade	Level 4, 8kv contact discharge, 15kv air discharge, satisfy IEC 61000-4-2 standards
Mechanical rotation	±24°
Operating torque	5N (50Nmax)

Hall type	Power supply voltage	5±0.5VDC
	The power consumption of current	6.5 mA/each hall chip
	Resolution	Infiniti
	Maximum voltage	15 VDC continuous
	Reverse polarity maximum voltage	14.5VDC
	Load resistance	5KΩ
	The median voltage (no-load)	48 ~ 52%Vs
Potentiometer	Power supply voltage	DC24V
	Power supply current	<20mA
	Resolution	Infiniti
	Resistance (10%)	5KΩ, 10KΩ
	Potentiometer maximum load of voltage	32VDC
	Maximum power consumption (25 °C)	0.25W
	The direction of the switch	Switch position ±3°

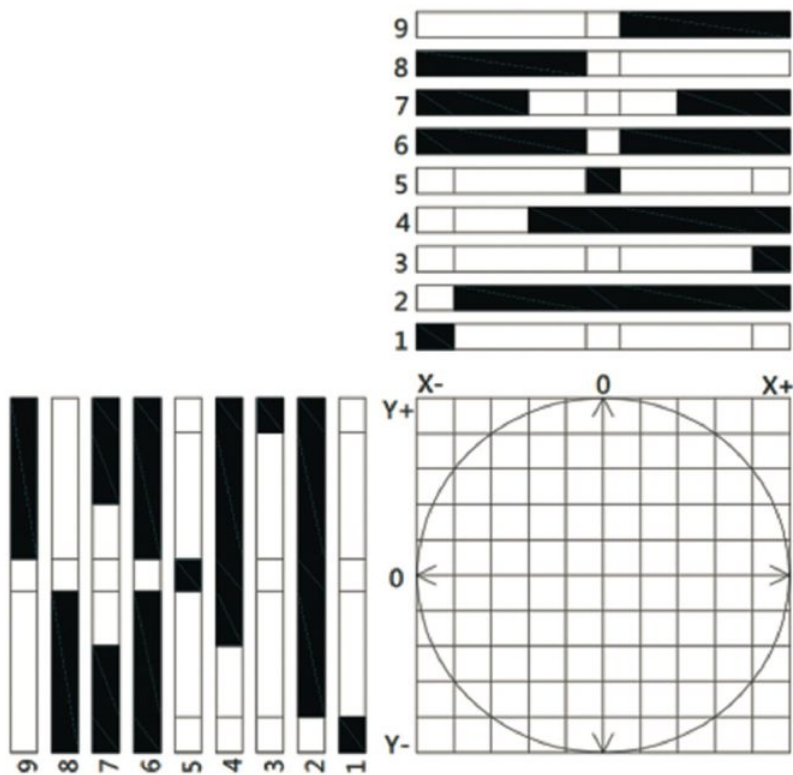
## Product configuration



## Product installation



## Closed position of switch



## Hand type

